AD-A150 437 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 1/4
WILLOW GROVE PENNSYLVANIA(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC AUG 84

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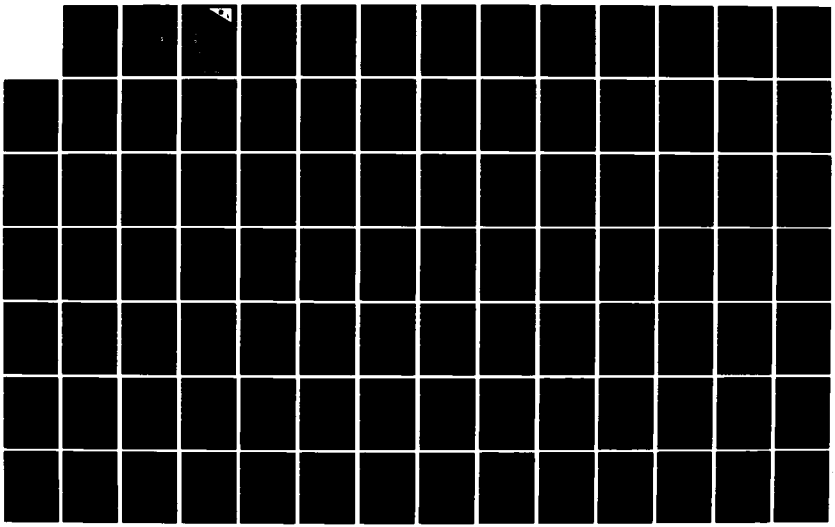

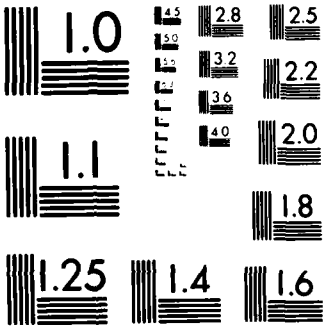

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1

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SMOS, Willow Grove, Pa.
Aug 1984

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SMOS

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

STATION:	#14793	Willow Grove, PA	
PERIOD:	HOURLY	1/73-12/84	
	DAILY	2/45-12/82	
JOB NO.	72006	DATE	August 1984

PREPARED BY
NAVAL OCEANOGRAPHY
COMMAND DETACHMENT,
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

PREPARED FOR
COMMANDER,
NAVAL OCEANOGRAPHY
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REPORT DOCUMENTATION PAGE

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1. REPORT NUMBER

2. GOVT ACCESSION NO.

3. RECIPIENT'S CATALOG NUMBER

4. TITLE (and Subtitle)

Summary of Meteorological Observations, Surface (SMOS) Willow Grove, PA

5. TYPE OF REPORT & PERIOD COVERED

Reference Report 1973-1982

6. PERFORMING ORG. REPORT NUMBER

7. AUTHOR(s)

NA

8. CONTRACT OR GRANT NUMBER(s)

9. PERFORMING ORGANIZATION NAME AND ADDRESS

Naval Oceanography Command Detachment
Federal Building
Asheville, NC 28801

10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS

11. CONTROLLING OFFICE NAME AND ADDRESS

Commanding Officer
Naval Oceanography Command Facility
NSTL, MS 39529-5002

12. REPORT DATE

August 1984

13. NUMBER OF PAGES

358

14. MONITORING AGENCY NAME & ADDRESS(if different from Controlling Office)

15. SECURITY CLASS. (of this report)

Unclassified

15a. DECLASSIFICATION/DOWNGRADING SCHEDULE

16. DISTRIBUTION STATEMENT (of this Report)

Approved for public release; distribution unlimited.

17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)

18. SUPPLEMENTARY NOTES

19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

Climatology, surface wind, temperature, precipitation, ceiling, visibility, relative humidity, station pressure, extreme temperatures, sea level pressure, daily temperature, weather conditions, monthly climatology, coastal region, snow depth, and cloud cover

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure

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SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

This update includes the period of record (POR) 1973 through 1982, with all available data through 1982 for extreme values.

This summary should be retained by individual stations along with the SMOS prepared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station.

DESCRIPTION: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.).

COMMENT: All observations summarized in this tabulation have been computer edited for consistency and reasonableness prior to, or during the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of "0". (This value indicates a percent less than ".05," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occurrence of an occasional spurious value should not in itself be considered significant. Every effort is made by this office to maintain a high degree of accuracy and reliability in these tables, and the Naval Oceanography Command Detachment (NOCD), Asheville, N.C. welcomes your comment and criticisms.

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
14793	Willow Grove, Pennsylvania	40°11'N	75°08'W	369	KNXX	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION (FT)	TYPE BAROMETER	
1.	Weather service office, second deck of ops bldg	USN	1949	1956	40°11'N	75°08'W	380	Tonnelot	Var
2.	Weather service office, ground floor of hangar/ops bldg	"	1956		"	"	346	"	"
1a.	Weather office in GMQ-14 cabinet	"	1967		"	"	348	Aneroid	"

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1.		Above control tower roof	*Selsyn			1. Barograph (ML-3) 2. Automatic met sta (AN-GMQ-29A) 3. Ceiling light (ML-121) 4. Cloud height set (AN/GMQ-13) 5. Transmissometer (AN/GMQ-10) 6. Radar (RO-415/GMH-6) 7. GOES (RO 379/GMH) 8. Pilot to forecaster radio (RHMS 9)
1a.	Installed 1958	1800' west southwest from hangar/ operations bldg	UMQ-5C	RD-108B	350'MSL	
2a.	1965	4600' southeast of hangar 80 500' southwest of centerline 15-33	"	"	15'	
3.	1977	Top of control tower, SW corner of hangar 80	"	"	80'	
		*Decommissioned 1958.				

NOCD, Federal Building

PART A WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

1. By month and annual, all hours and years combined.
2. By month and annual, all hours and years combined, by wind direction.
3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

PART A ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and years combined. The main body of the Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points (plus calm). Column totals show the number of observations. "% Total" indicates percentage frequency of occurrences.

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WEATHER CONDITIONS

[illegible]

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH ALL

[illegible]

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]		[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]		[illegible]	[illegible]				[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]		[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]		[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]		[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]		[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

WEATHER CONDITIONS

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OBSERVATIONS OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
			[illegible]	1.3	[illegible]		[illegible]	[illegible]	6.1	[illegible]		[illegible]	[illegible]
	[illegible]		[illegible]	1.[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	211
	[illegible]		[illegible]	1.3	7.1		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	211
	[illegible]		[illegible]	[illegible]	[illegible]		17.7	[illegible]	17.1	1.3		[illegible]	[illegible]
	[illegible]		[illegible]	1.3	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
	[illegible]		7.7	1.[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
	[illegible]		[illegible]	[illegible]	7.1		14.2	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
TOTALS			[illegible]	1.1	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]

WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
[illegible]	[illegible]		7.[illegible]	.4	4.4		12.[illegible]	1[illegible]	3.6	.[illegible]		1[illegible].1	[illegible]
[illegible]	[illegible]	.4	7.1	1.4	5.3		12.[illegible]	1[illegible]	5.7	.4		[illegible].3	[illegible]
[illegible]	[illegible]	.4	5.7	1.1	[illegible].7		11.7	[illegible]	[illegible].2	.7		73.3	[illegible]
[illegible]	1[illegible]		5.7	.4	5.4		1[illegible].1	1[illegible].7	17.4			73.3	[illegible]
[illegible]	1[illegible]		[illegible]		5.[illegible]		1[illegible].[illegible]	1[illegible].1	13.1	.4		2[illegible].6	2[illegible]
[illegible]	1[illegible]		5.7	.4	[illegible].7		11.7	11.3	12.1	1.1		24.1	[illegible]
[illegible]	1[illegible]	.4	[illegible]	.7	[illegible].7		13.[illegible]	1[illegible]	6.4	.7		1[illegible].[illegible]	[illegible]
[illegible]	[illegible]		7.[illegible]	1.7	6.4		1[illegible].[illegible]	1[illegible].3	5.7	1.1		[illegible]	[illegible]
TOTALS		[illegible]	7.[illegible]	.7	[illegible]		1[illegible].1	1[illegible]	[illegible].1	.[illegible]		2[illegible].9	[illegible]

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WEATHER CONDITIONS

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
[illegible]	[illegible]		[illegible].7	[illegible]	1.9		11.3	[illegible]	[illegible].4	.3		[illegible]	[illegible]
	[illegible]		11.[illegible]	.3	1.[illegible]		13.[illegible]	[illegible]	4.5			[illegible]	[illegible]
	[illegible]		[illegible]	.3	[illegible].3		11.[illegible]	[illegible]	1[illegible].[illegible]			33.9	[illegible]
	1[illegible]		11.[illegible]	.3	4.[illegible]		15.[illegible]	17.[illegible]	15.8			31.9	[illegible]
	1[illegible]		13.2		4.[illegible]		17.4	16.[illegible]	13.9			29.4	[illegible]
	[illegible]	.3	11.[illegible]		[illegible]		14.5	[illegible]	11.9			26.[illegible]	[illegible]
	[illegible]	.3	11.[illegible]		3.5		14.5	15.2	[illegible]			27.[illegible]	[illegible]
	[illegible]		10.[illegible]	.3	3.2		13.2	16.5	5.5			21.[illegible]	31[illegible]
TOTALS		.1	11.[illegible]	.2	[illegible]		14.[illegible]	[illegible]	9.6	[illegible]		[illegible].4	24[illegible]

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WEATHER CONDITIONS

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
[illegible]	[illegible]		[illegible]		.7		[illegible]	14.3	2.7			17.0	300
[illegible]	[illegible]		9.7		.7		[illegible]	17.[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]		[illegible]				[illegible]	21.3	13.[illegible]			31.[illegible]	[illegible]
[illegible]	[illegible]		11.7		1.7		12.7	11.7	12.3			25.3	[illegible]
[illegible]	1[illegible]		11.7		1.[illegible]		12.7	1[illegible].3	11.7	.3		21.7	[illegible]
[illegible]	[illegible]		11.[illegible]		.[illegible]		11.7	9.[illegible]	13.3			21.3	300
[illegible]	[illegible]	1.0	10.7				10.7	11.[illegible]	13.[illegible]	.3		23.7	[illegible]
[illegible]	[illegible]	1.3	11.0		.3		11.3	12.0	4.0			11.[illegible]	[illegible]
TOTALS		.3	1[illegible].7		.[illegible]		11.2	13.3	9.1	.1		21.5	2400

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WEATHER CONDITIONS

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
[illegible]	[illegible]	.3	12.[illegible]				12.[illegible]	27.4	15.[illegible]			34.[illegible]	71[illegible]
	[illegible]	.3	13.[illegible]				15.[illegible]	7[illegible].[illegible]	[illegible].4			42.6	71[illegible]
	7		13.[illegible]				13.[illegible]	7[illegible].4	18.[illegible]			[illegible].4	71[illegible]
	10		1[illegible].[illegible]		.		1[illegible].[illegible]	1[illegible].[illegible]	3[illegible].[illegible]			37.1	71[illegible]
	1[illegible]		12.3				12.3	11.[illegible]	32.3			33.5	71[illegible]
	1[illegible]	.5	14.[illegible]				14.[illegible]	1[illegible].[illegible]	27.4			35.1	71
	1[illegible]	1.3	14.5				14.5	1[illegible].[illegible]	23.2			37.4	71[illegible]
	[illegible]	.5	13.9				13.[illegible]	21.9	15.2			34.6	70[illegible]
TOTALS		.5	17.2		.[illegible]		15.3	2[illegible].[illegible]	1[illegible].[illegible]			3[illegible].3	247[illegible]

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WEATHER CONDITIONS

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATION

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
	01	1.[illegible]	7.7				7.7	[illegible]	19.3			43.[illegible]	[illegible]
	[illegible]	2.[illegible]	[illegible]				6.3	4[illegible].7	[illegible].3			56.3	[illegible]
	[illegible]	.7	1[illegible].[illegible]				1[illegible].[illegible]	[illegible].[illegible]	31.[illegible]			56.7	[illegible]
	1[illegible]	.3	[illegible]				[illegible]	1[illegible].[illegible]	3[illegible].7			47.[illegible]	[illegible]
	1[illegible]	[illegible].3	[illegible]				[illegible]	[illegible].3	35.7			42.7	3[illegible]
	1[illegible]	1.[illegible]	[illegible].3				[illegible].3	[illegible].7	36.3			41.[illegible]	3[illegible]
	1[illegible]	4.3	[illegible].7				[illegible].7	[illegible]	3[illegible].[illegible]			41.7	[illegible]
	[illegible]	7.3	1[illegible].3				1[illegible].3	1[illegible].[illegible]	23.7			[illegible].[illegible]	7[illegible]
TOTALS		1.[illegible]	[illegible]				[illegible]	21.3	[illegible]			45.7	[illegible]

WEATHER CONDITIONS

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]			47.1	[illegible]
	[illegible]	1.[illegible]	[illegible].1				[illegible].1	43.2	27.1			35.2	[illegible]
	[illegible]	1.0	5.[illegible]				5.[illegible]	42.[illegible]	37.1			43.[illegible]	[illegible]
	1[illegible]	[illegible]	6.[illegible]				6.5	11.[illegible]	44.[illegible]			52.3	[illegible]
	1[illegible]	1.0	5.2				5.2	[illegible].5	42.[illegible]			45.[illegible]	[illegible]
	1	4.5	7.1				7.1	[illegible].5	47.1			5[illegible].6	[illegible]
	1[illegible]	1.6	6.5				[illegible].5	[illegible]	30.6			54.3	31[illegible]
	[illegible]	2.3	4.[illegible]				4.[illegible]	17.1	35.[illegible]			46.[illegible]	31[illegible]
TOTALS		1.6	5.[illegible]				5.[illegible]	1[illegible].7	39.4			[illegible].1	24[illegible]

WEATHER CONDITIONS

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
[illegible]	[illegible]	1.3	5.5				6.5	[illegible]	27.9			53.7	712
	[illegible]	.6	4.[illegible]				4.[illegible]	[illegible]	[illegible]			61.5	717
	[illegible]	1.3	7.1				7.1	57.4	31.[illegible]			71.6	71[illegible]
	10	.3	[illegible].1				6.1	14.[illegible]	[illegible].3			[illegible]	712
	13	.6	5.3				5.[illegible]	7.1	53.2			58.4	71[illegible]
	1[illegible]	4.2	6.[illegible]				6.[illegible]	6.[illegible]	55.2			58.7	71[illegible]
	1[illegible]	4.2	7.1				7.1	13.2	51.6			61.[illegible]	71[illegible]
	[illegible]	2.3	5.[illegible]				5.[illegible]	25.2	31.9			[illegible]	31[illegible]
TOTALS		1.2	6.1				6.1	27.4	39.7			59.4	24[illegible]

NAVWEASERVCOM

WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
	01	1.3	1[illegible]				[illegible]	75.7	14.3			43.[illegible]	3[illegible]
	[illegible]	1.3	[illegible]				9.3	4[illegible]	13.3			4[illegible].3	[illegible]
	[illegible]	.3	[illegible]				[illegible].3	73.[illegible]	[illegible]			[illegible]	[illegible]
	1[illegible]	.3	9.7				[illegible].7	[illegible]	34.[illegible]			4[illegible].7	[illegible]
	1[illegible]	.3	8.3				[illegible].3	7.7	75.7			41.3	[illegible]
	1[illegible]	1.3	8.3				9.3	7.3	34.[illegible]			4[illegible].3	[illegible]
	1[illegible]	.3	10.7				10.7	14.7	28.3			4[illegible].7	[illegible]
	[illegible]	[illegible]	10.3				10.3	[illegible]	19.3			3[illegible].7	7[illegible]
TOTALS		.9	[illegible]				[illegible].4	[illegible]	[illegible]			4[illegible]	2[illegible]

NAVWEASERVCOM

WEATHER CONDITIONS

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
[illegible]	[illegible]	.3	13.[illegible]				1[illegible]	2[illegible].1	7.7			71.[illegible]	[illegible]
[illegible]	[illegible]		8.7				[illegible].7	2[illegible].2	[illegible].1			[illegible]	[illegible]
[illegible]	[illegible]	.3	[illegible].7				[illegible].7	41.[illegible]	[illegible].6			45.[illegible]	71[illegible]
[illegible]	1[illegible]		1[illegible]		.[illegible]		1[illegible].3	1[illegible].7	21.[illegible]			37.7	71[illegible]
[illegible]	1[illegible]		[illegible].4		.3		[illegible].7	[illegible].7	22.3			71.3	71[illegible]
[illegible]	[illegible]	.3	[illegible].7				[illegible].7	[illegible].4	21.[illegible]			[illegible]	71[illegible]
[illegible]	1[illegible]		4.7				.7	1[illegible].[illegible]	12.[illegible]			24.5	71[illegible]
[illegible]	[illegible]	.3	7.7				7.7	1[illegible].4	[illegible].7			25.[illegible]	71[illegible]
TOTALS		.2	[illegible]		.1		[illegible]	21.3	13.6			32.7	248[illegible]

NAVWEASERVCOM

WEATHER CONDITIONS

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
[illegible]	[illegible]		11.[illegible]		[illegible]		11.[illegible]	[illegible].7	3.7			[illegible]	[illegible]
	[illegible]	.3	10.7				1[illegible].7	[illegible]4.7	3.			36.7	[illegible]
	[illegible]		[illegible].7		[illegible]		[illegible].	[illegible].3	6.3			36.3	[illegible]
	1[illegible]		7.7	.3	1.3		[illegible].7	[illegible].3	[illegible].3			37.3	[illegible]
	1[illegible]		[illegible].7	.3	2.[illegible]		[illegible].	[illegible].7	[illegible].			[illegible]	[illegible]
	1[illegible]	.7	7.7	.3			[illegible]	1[illegible]	21.[illegible]			21.[illegible]	[illegible]
	1[illegible]	.3	[illegible].3		1.7		10.3	13.3	9.[illegible]			21.3	[illegible]
	[illegible]		9.7		1.3		10.3	15.7	[illegible].			[illegible].3	[illegible]
TOTALS		.3	[illegible]	.1	.7		[illegible]	1[illegible].9	11.2			[illegible]	[illegible]

NAVWEASERVCOM

WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

[illegible]
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
	[illegible]		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
	[illegible]		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
	[illegible]		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
TOTALS			[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]

NAVWEASERVCOM

WEATHER CONDITIONS

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH ALL

[illegible]
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
[illegible]	ALL		7.[illegible]	1.1	7.[illegible]		15.[illegible]	1[illegible].[illegible]	1[illegible].5	.6		2[illegible].7	24[illegible]
		.2	7.1	.7	5.[illegible]		13.1	1[illegible].[illegible]	[illegible].1	.6		24.9	225[illegible]
		.1	11.[illegible]	.2	3.[illegible]		14.[illegible]	1.[illegible]	9.6	.7		2[illegible].4	249[illegible]
[illegible]		.3	1[illegible].7		.6		11.2	1[illegible].3	[illegible].1	.1		21.4	24[illegible]
[illegible]		.6	1[illegible].2		.[illegible]		13.2	2[illegible].[illegible]	1[illegible].[illegible]			3[illegible].3	2479
[illegible]		1.[illegible]	[illegible].[illegible]				[illegible].[illegible]	21.3	2[illegible].9			45.7	24[illegible]
[illegible]		1.5	5.[illegible]				5.[illegible]	1[illegible].7	39.4			5[illegible].1	24[illegible]
[illegible]		1.9	6.1				[illegible].1	27.4	[illegible].7			5[illegible].4	243[illegible]
[illegible]		.7	9.[illegible]				[illegible].4	2[illegible].[illegible]	24.[illegible]			4[illegible].[illegible]	24[illegible]
[illegible]		.2	[illegible].4		.1		[illegible].[illegible]	21.[illegible]	13.6			72.7	248[illegible]
[illegible]		.2	[illegible].9	.1	.7		9.[illegible]	1[illegible].9	11.2			2[illegible].6	24[illegible]
[illegible]			9.4	.1	3.[illegible]		13.[illegible]	1[illegible].7	7.7	.3		[illegible].4	247[illegible]
TOTALS		.7	9.[illegible]	.2	1.7		1[illegible].[illegible]	[illegible].[illegible]	1[illegible].[illegible]	.1		3[illegible].6	[illegible]213

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] 4 [illegible] 1972-[illegible] 1977 [illegible] JANUARY

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]		13.[illegible]			[illegible]
NNE	[illegible]		[illegible]	4.1	2.[illegible]	14.3			[illegible]	2.[illegible]	12.2			57.[illegible]
NE	[illegible]		7.6	1.[illegible]	1.5	25.[illegible]			[illegible]		8.1	1.5		47.[illegible]
ENE	1.[illegible]		11.5	[illegible].7	1.1	21.[illegible]			44.[illegible]	1.1	14.9	[illegible].4		[illegible]
E	1.[illegible]	1.7	[illegible].5	5.1	1.7	15.4			3[illegible]	2.[illegible]	15.4			36.[illegible]
ESE	[illegible]	1.[illegible]	1.9	1.[illegible]		16.7			4[illegible].7	[illegible].6	16.7			27.8
SE	[illegible]		.3		4.7	16.[illegible]			[illegible]	4.7	25.6			32.[illegible]
SSE	[illegible]	2.[illegible]	5.7	2.[illegible]	2.9	2.[illegible]			17.1	5.7	31.4			4[illegible].0
S	[illegible]	1.3				2.[illegible]			22.1		23.4			48.1
SSW	1.[illegible]		[illegible].3			1.[illegible]			24.7	2.6	23.4			50.6
SW	[illegible]					4.7			1[illegible].7	1.9	15.[illegible]			62.6
WSW	1.[illegible]	[illegible].7	.7			4.9			7.7		7.7			81.[illegible]
W	[illegible]					2.3			7.1	.[illegible]	6.1	.5		85.6
WNW	1.[illegible]	[illegible].7	.3	.[illegible]		3.[illegible]			[illegible]	.3	5.[illegible]	1.[illegible]		85.9
NW	[illegible]		1.5	.4		5.7			6.[illegible]		5.3	1.1		84.[illegible]
NNW	[illegible]		.8			5.[illegible]			6.[illegible]	1.7	5.1	1.7		84.1
VARIABLE														
CALM	[illegible].1	.3	[illegible].2	[illegible].1	.3	[illegible].[illegible]			1[illegible].1	2.[illegible]	11.1			[illegible].5
TOTAL	1[illegible]	1[illegible]	[illegible]2	[illegible]	[illegible]	157			3[illegible]	23	257	15		1721
TOTAL %	[illegible]	.4	2.1	1.1	.4	5.7			1[illegible].6	1.3	1[illegible].4	.5		59.4

TOTAL NUMBER OF OBSERVATIONS 2,4[illegible]

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SNOW	SNOW GRAINS SNOW PELLETS SNOW CRYSTALS	HAIL ICE PELLETS	THUNDER	FOG	FREEZING FOG ICE FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	[illegible]	.7	1.4			14.4			1[illegible].7		7.[illegible]			7[illegible]
NNE	[illegible]		[illegible].4	[illegible].4	1.1	[illegible].1			[illegible].7		1[illegible].3			5[illegible].5
NE	[illegible]		.3	[illegible].2	2.2	15.3		2.2	1[illegible].6		[illegible].7			5[illegible].7
ENE	17.7	1.3	.3	2.[illegible]		17.7			[illegible].4		12.7			[illegible]
E	11.[illegible]	3.[illegible]	17.5	3.3	1.5	8.[illegible]			4[illegible]		7.5			4[illegible]
ESE	1.[illegible]		1[illegible].1	1.[illegible]		1.[illegible]		1.[illegible]	42.6	1.5	13.[illegible]			4[illegible].7
SE	[illegible]		11.1	3.7					[illegible].[illegible]		11.1			4[illegible]
SSE	[illegible]	1.5	2.3	2.[illegible]	5.6	[illegible]			41.7		1[illegible].7			3[illegible].1
S	1.[illegible]	4.[illegible]	[illegible].7						[illegible]	1.3	14.7			[illegible]
SSW	[illegible]	1.1				1.1			7.5		14.5			74.[illegible]
SW	1.[illegible]		.3	1.1		1.1			11.[illegible]	1.1	17.2			6[illegible]
WSW	[illegible]	.5	.5			1.7			[illegible]	.[illegible]	1[illegible]			[illegible].7
W	1.[illegible]	.[illegible]	.4			1.[illegible]			[illegible]	1.2	[illegible]			[illegible]
WNW	[illegible]		1.2	.4		2.3			[illegible]		[illegible].4	1.[illegible]		[illegible]
NW	1.[illegible]	.5				[illegible]		[illegible]	[illegible]		[illegible].3	1.[illegible]		67.7
NNW	[illegible]	[illegible]	.4		.4	5.5			[illegible]	.[illegible]	[illegible].3	1.6		8[illegible]
VARIABLE														
CALM	[illegible]	.5	1.[illegible]		.5	[illegible].1			[illegible].2	2.5	13.3			[illegible]
TOTAL		[illegible]1	[illegible]5	16	[illegible]	1[illegible]		[illegible]	[illegible]	1[illegible]	[illegible]	1[illegible]		1[illegible]17
[illegible]	[illegible]	.9	2.4	.7	.4	5.[illegible]		.1	1.3	.7	9.[illegible]	.5		71.7

TOTAL NUMBER OF OBSERVATIONS [illegible]

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
[illegible]	[illegible]	[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]			[illegible]
[illegible]	[illegible]	2.3	[illegible]			[illegible]			[illegible]	1.2	12.[illegible]	1.2		[illegible]
[illegible]	[illegible]		[illegible]	1.[illegible]	1.2	[illegible]			[illegible]	1.2	9.8			[illegible]
[illegible]	[illegible]	1.[illegible]	11.8	1.9	1.[illegible]	10.[illegible]			[illegible]	1.[illegible]	1.5			44.1
[illegible]	[illegible]	2.7	1[illegible].3		[illegible]	[illegible]			[illegible]	4.7	1[illegible].3			[illegible]
[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	3.[illegible]			[illegible]	1.[illegible]	[illegible].7			35.7
[illegible]	[illegible]	4.1	2.7						[illegible]	1.[illegible]	15.2			77.9
[illegible]	[illegible]	4.3						1.4	[illegible]	2.9	22.9			45.7
[illegible]	[illegible]	[illegible]	[illegible]			1.[illegible]			[illegible]	4.1	15.5			66.[illegible]
[illegible]	[illegible]	4.1	2.4						[illegible]		12.3			[illegible]
[illegible]	[illegible]	2.4	[illegible]			[illegible]			[illegible]	4.[illegible]	[illegible].6			71.2
[illegible]	[illegible]	3.[illegible]	1.7			1.7			[illegible]		1[illegible].3			[illegible]
[illegible]	[illegible]	3.3	[illegible]			[illegible]		.4	[illegible].7	1.2	7.[illegible]			[illegible]
[illegible]	[illegible]	1.3	[illegible]			[illegible]			[illegible]	2.9	5.3			85.1
[illegible]	[illegible]	[illegible]				1.1			[illegible]	1.5	3.4			85.7
[illegible]	[illegible]	[illegible]		.4		4.7			[illegible]	.9	3.4			86.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.[illegible]			1[illegible].[illegible]	4.2	1[illegible].6			[illegible]
[illegible]	[illegible]	44	73	[illegible]	7	7		2	[illegible]	52	237	1		1738
[illegible]	[illegible]	1.[illegible]	[illegible]	.2	.3	2.[illegible]		.1	1[illegible].[illegible]	2.1	9.6	.0		7[illegible].1

TOTAL NUMBER OF OBSERVATIONS 2,48[illegible]

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION [illegible] ILL[illegible], PA — YEAR JANUARY 1973-D[illegible] — MONTH APRIL — HOURS [illegible]

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	[illegible]	[illegible]	.7			1.[illegible]		.7	[illegible]	1.[illegible]	4.[illegible]	.7		[illegible]
NNE	[illegible]	1.1	1.1			1.1			1[illegible]		6.5			[illegible]
NE	[illegible]	11.1	[illegible]			5.5			[illegible]		11.1			52.[illegible]
ENE	[illegible]	1.[illegible]	7.3			1.[illegible]		1.[illegible]	43.6		7.3			[illegible]
E	[illegible]	4.5	1[illegible]						4[illegible]	2.3	13.5			36.
ESE	[illegible]	4.7	[illegible]			1.2		1.2	32.[illegible]	1.2	15.3			[illegible]
SE	[illegible]	1.[illegible]							21.[illegible]		12.7			[illegible]
SSE	[illegible]	[illegible]	1.7						[illegible]		1[illegible]			[illegible]
S	[illegible]	4.9	1.[illegible]						[illegible].7	5.8	13.6			[illegible]
SSW	[illegible]	6.8	1.5					1.[illegible]	7.5	2.3	15.3			72.[illegible]
SW	[illegible]	3.3	[illegible]						[illegible]	1.6	17.9			74.[illegible]
WSW	.1	4.7	[illegible]						.5	.8	17.2			74.2
W	[illegible]	3.4						[illegible]	[illegible].1	[illegible]	7.2			[illegible]
WNW	[illegible]	1.5				1.2			[illegible].1	.4	5.3			[illegible]
NW	[illegible]	1.[illegible]	1.5			[illegible]			[illegible]	.4	7.[illegible]	.4		89.7
NNW	[illegible]	.4							1.[illegible]	[illegible]	2.7			95.6
VARIABLE														
CALM	.4	[illegible]	.7		[illegible]	.7			[illegible]	[illegible]	[illegible]			[illegible]
TOTAL	[illegible]	75	[illegible]		1	14		[illegible]	[illegible]	71	217	2		[illegible]
TOTAL	[illegible]	3.2	1.[illegible]		[illegible]	.6		[illegible]	12.[illegible]	1.3	[illegible]	.1		75.6

TOTAL NUMBER OF OBSERVATIONS [illegible]

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

[illegible] JANUARY 1972-[illegible] [illegible]

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	.7	4.3	2.3						5.7		6.3			82.3
NNE	.7	5.0	7.0						21.0	1.0	12.0			66.0
NE	.7	1.4	12.2						37.2		6.8			52.7
ENE	1.7	4.1	13.0					1.7	34.7	1.3	16.0			42.7
E	1.7	2.5	17.2					.8	45.5	1.3	21.7			32.5
ESE	.7	5.6	11.6						50.1	4.1	19.0			37.6
SE	1.5	5.4	7.8						37.2	2.6	25.6			35.9
SSE	1.7	3.3	5.6					2.0	32.2	.9	26.9			42.3
S	1.7	5.4	4.3						34.3	2.1	20.0			49.3
SSW	.7	4.7	1.4					1.4	10.0	2.7	22.3			62.1
SW	.7	5.5	.7					1.4	12.9	2.2	28.8			55.1
WSW	.7	4.1						1.3	7.3	3.3	22.5			65.6
W	.7	3.2						.5	10.0	3.2	20.0			66.6
WNW	1.7	4.6				.7		1.7	5.3	2.0	13.8			77.0
NW	1.4	4.3						.7	4.3	.7	8.5			82.3
NNW	.4	2.4						.7	7.0		6.7			81.0
VARIABLE														
CALM	.7	2.7	1.0						34.7	6.0	30.5			52.7
TOTAL	14	100	97			1		16	102	62	431			1457
% TOTAL	.1	4.7	2.5			.1		.5	20.3	2.5	18.2			59.5

TOTAL NUMBER OF OBSERVATIONS 2,479

2

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

[illegible] [illegible] [illegible] JANUARY 1973-[illegible] 1982 JULY

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	[illegible]		[illegible]						[illegible]	[illegible]	14.7			[illegible]
NNE	[illegible]		[illegible]						[illegible]		17.9			71.4
NE	[illegible]	[illegible].1	11.9						[illegible]	1.7	27.1			[illegible]
ENE	[illegible]	2.7	[illegible].4					1.4	[illegible].7	4.1	31.1			41.9
E	[illegible]	7.1	7.1					1.[illegible]	41.1	3.6	25.9			[illegible].1
ESE	[illegible]	2.[illegible]	[illegible]						44.1	2.9	29.4			72.4
SE	[illegible]	[illegible].6	2.3					1.4	[illegible].4	4.[illegible]	27.3			43.1
SSE	[illegible]	[illegible].2	4.[illegible]					1.4	33.3	3.[illegible]	34.3			[illegible]
S	[illegible]	7.7	2.4					3.[illegible]	[illegible].3	6.3	30.7			[illegible]
SSW	[illegible]	7.3						[illegible].3	13.2	2.6	41.7			43.[illegible]
SW	1.4	5.7						1.4	12.[illegible]	2.1	36.9			51.[illegible]
WSW		4.5	.6					[illegible].6	12.[illegible]	5.1	43.2			44.3
W	[illegible]	[illegible].3						3.4	[illegible].6	4.3	36.2			53.[illegible]
WNW	[illegible]	.6						[illegible]	11.4	4.0	33.0			55.7
NW	[illegible]	2.9	.7					1.[illegible]	10.[illegible]	1.3	27.7			62.8
NNW	[illegible]	3.7	.7					1.[illegible]	[illegible].7	.7	1[illegible].2			77.2
VARIABLE														
CALM	[illegible]	[illegible]	[illegible]					[illegible].1	[illegible]	[illegible].2	[illegible]			[illegible]
TOTAL	[illegible]	[illegible]6	44					45	424	[illegible]7	717			12[illegible]4
% TOTAL	[illegible]	4.0	1.8					1.9	17.7	3.6	29.9			[illegible].3

TOTAL NUMBER OF OBSERVATIONS [illegible],4[illegible]

NAVWEASERVCOM

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] JANUARY 1973-DECEMBER 1982 JULY

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.[illegible]	2.7	.7						.7	.7	25.5			67.1
NNE	1.[illegible]	4.2	1.4					1.4	[illegible].3	1.4	15.3			75.[illegible]
NE	7.[illegible]	1.9	1.8					1.[illegible]	19.6	3.6	25.[illegible]			[illegible].4
ENE	14.[illegible]	4.9	4.9					2.4	[illegible]	4.9	29.3			3[illegible].8
E	[illegible]	6.[illegible]	2.7						[illegible]	1.4	35.6			3[illegible].6
ESE	[illegible]	5.3							31.1	2.6	6[illegible].5			[illegible].3
SE	[illegible]	5.9	3.9						27.5		39.2			[illegible].3
SSE	1.4	17.8						4.1	17.8	1.4	35.6			43.[illegible]
S	[illegible]		5.5					1.7	11.7	3.3	40.8			45.[illegible]
SSW	[illegible]	7.[illegible]						.7	15.1	2.7	44.5			41.9
SW	[illegible]	2.4						1.[illegible]	10.1	3.0	54.4			36.1
WSW		5.5						2.5	[illegible].5	6.0	54.7			34.3
W		[illegible].3						1.[illegible]	10.5	4.0	46.5			44.7
WNW		2.4						1.[illegible]	12.6	1.9	52.7			37.7
NW		3.1						1.9	[illegible].6	2.5	33.1			61.2
NNW		4.[illegible]	.7					2.[illegible]	6.6	2.0	21.9			70.2
VARIABLE														
CALM	1.1	2.1	.4					1.7	28.0	7.1	34.6			41.2
TOTAL	[illegible]	[illegible]	15					48	394	93	974			1147
TOTAL	1.[illegible]	3.8	.5					1.[illegible]	15.9	3.8	39.3			46.3

TOTAL NUMBER OF OBSERVATIONS 2,48[illegible]

NAVWEASERVCOM

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] JAN 1973–D[illegible] 1[illegible] AUGUST

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SNOW SHOWERS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING DUST AND SAND	NO WEATHER
N	1.[illegible]	[illegible]						.7	.1	.7	24.4			6[illegible].9
NNE	.1	6.7	[illegible].7						1.[illegible]	4.[illegible]	2[illegible].3			[illegible].7
NE	.6	1[illegible].[illegible]						3.7	[illegible].6	3.7	19.[illegible]			[illegible]
ENE	.7	5.7	.3					2.[illegible]	[illegible].3	[illegible].3	25.[illegible]			4[illegible].
E	2.[illegible]	4.4	.9					1.[illegible]	[illegible].3	6.1	39.5			34.[illegible]
ESE	[illegible].1	5.[illegible]						4.[illegible]	[illegible]		44.[illegible]			[illegible]
SE	[illegible].5	11.1						[illegible].6	42.6	1.9	27.8			2[illegible].[illegible]
SSE	4.[illegible]	4.0						1.[illegible]	4[illegible].1	3.1	36.[illegible]			[illegible].[illegible]
S	[illegible].4	4.[illegible]	1.9					[illegible].[illegible]	[illegible].[illegible]	1.[illegible]	47.6			31.1
SSW	2.[illegible]	7.1						[illegible].6	[illegible].[illegible]	2.4	46.[illegible]			27.8
SW	[illegible].4	3.[illegible]						3.[illegible]	[illegible].[illegible]	7.2	52.7			29.3
WSW	.[illegible]	4.1						2.[illegible]	1[illegible].[illegible]	11.7	61.9			[illegible].3
W	.[illegible]	1.6						.[illegible]	1[illegible].4	4.5	57.9			[illegible].[illegible]
WNW	.1	4.[illegible]	.5					[illegible].2	1[illegible].6	[illegible].[illegible]	50.3			[illegible].5
NW		[illegible].4						.[illegible]	.3	4.7	27.6			63.[illegible]
NNW	.[illegible]	1.[illegible]	.7						[illegible].7	1.[illegible]	[illegible].1			66.7
VARIABLE														
CALM	.1	1.4	.4					.[illegible]	31.1	7.[illegible]	[illegible]			[illegible]
TOTAL	[illegible]	[illegible]	13					4[illegible]	[illegible]	14[illegible]	[illegible]			[illegible]
TOTAL	.1	3.6	.5					1.[illegible]	21.7	5.6	39.6			[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

NAVWEASERVCOM

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] HILL [illegible], PA — JANUARY 1973–[illegible] 1982 [illegible]

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	[illegible]	1.[illegible]						1.[illegible]	1[illegible].3	1.6	13.[illegible]			74.[illegible]
NNE	1[illegible].	3.4	[illegible].2						[illegible]1.[illegible]	1.1	12.4			[illegible]
NE	1[illegible].4	6.[illegible]	[illegible].[illegible]					1.[illegible]	[illegible]1.3	3.	9.[illegible]			[illegible]
ENE	11.[illegible]	4.6	12.0						3[illegible].[illegible]	[illegible].7	1[illegible].2			[illegible]
E	[illegible].1	5.1	14.0					1.[illegible]	47.3	3.7	16.2			33.
ESE	[illegible].1	10.7	3.6					1.2	23.[illegible]	3.6	26.2			46.4
SE	[illegible].7		[illegible].7						14.[illegible]	2.7	16.2			6[illegible].9
SSE	[illegible].4	6.1	1.5					[illegible].[illegible]	[illegible]2.7	7.6	25.[illegible]			47.[illegible]
S	[illegible]	5.9	1.[illegible]					2.[illegible]	1[illegible].6	4.9	43.1			34.3
SSW	[illegible]	2.4	.9						17.2	3.4	37.1			47.4
SW	[illegible].7	4.5							17.[illegible]	7.1	4[illegible].[illegible]			[illegible]
WSW	[illegible].3	3.9							[illegible]1.1	6.3	45.3			36.7
W	[illegible].1	2.1						1.1	1[illegible].3	5.[illegible]	4[illegible].5			47.[illegible]
WNW	.7	2.8	.7					2.1	[illegible].8	3.5	32.6			5[illegible]
NW	.7	1.4	.7					.7	[illegible].9	1.4	21.2			69.9
NNW		4.3							[illegible].3	1.4	12.9			79.9
VARIABLE														
CALM	.[illegible]	1.4	.9					1.[illegible]	2[illegible].[illegible]	[illegible].[illegible]	1[illegible].4			52.[illegible]
TOTAL	1[illegible]	[illegible]7	[illegible]5					22	[illegible]	114	[illegible]6			1275
PERCENT TOTAL	[illegible].[illegible]	3.2	2.3					.[illegible]	[illegible]1.[illegible]	4.[illegible]	24.[illegible]			[illegible]3.1

TOTAL NUMBER OF OBSERVATIONS [illegible],400

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] JANUARY 1972-[illegible] 1980 [illegible]

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	[illegible]	2.3	[illegible]		[illegible]	[illegible]			[illegible]	1.	[illegible]			[illegible]
NNE	[illegible]	[illegible]	[illegible]			1.[illegible]			[illegible]	2.4	[illegible]			69.[illegible]
NE	11.[illegible]	3.3	1[illegible]						[illegible]	6.7	1[illegible]			51.1
ENE	1[illegible]	1.7	1[illegible].3						[illegible]	3.4	12.1			[illegible]
E	[illegible]	[illegible]	4.7						[illegible]	2.3	17.8			47.[illegible]
ESE	[illegible]	2.2	.5						17.4	2.2	26.1			[illegible]
SE	1[illegible]	13.5	[illegible].1					2.[illegible]	37.8	2.7	24.3			[illegible].1
SSE	[illegible]	[illegible].6							[illegible]	3.4	22.4			4[illegible].5
S	1[illegible]	[illegible].5						1.[illegible]	[illegible]	2.[illegible]	24.3			[illegible].3
SSW	[illegible]	2.7							1[illegible].5	4.5	24.5			57.[illegible]
SW	[illegible]	.7	.7						[illegible]	1.4	22.1			6[illegible].1
WSW	1.[illegible]	3.[illegible]	1.3					.6	1[illegible].2	4.5	1[illegible].6			59.[illegible]
W	1.[illegible]	2.7							[illegible]	2.7	14.5			72.4
WNW	[illegible]	.9							[illegible]	2.3	6.9			[illegible]
NW	1.[illegible]	4.4							[illegible]	2.2	7.1			83.1
NNW	[illegible]	3.[illegible]	1.8						[illegible]		3.6			[illegible]
VARIABLE														
CALM	1.4	1.8	1.2						21.2	[illegible]	12.5			5[illegible]
TOTAL	11	[illegible]	47		1	[illegible]		[illegible]	[illegible]	1[illegible]	335			1[illegible]
TOTAL	[illegible]	2.9	1.9		[illegible]	.1		[illegible]	17.3	4.[illegible]	13.5			65.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible]

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	[illegible]	2.7							.1		7.[illegible]			[illegible]
NNE	[illegible]	3.3	1.1						1.[illegible]		[illegible].6			74.7
NE	[illegible]		[illegible]	[illegible].1		3.[illegible]			[illegible]		6.[illegible]			[illegible]
ENE	[illegible].1	4.2	1[illegible]			[illegible]			[illegible].7	1.4	[illegible]			[illegible]
E	1.[illegible]	1.[illegible]	17.5	1.[illegible]	1.0	2.[illegible]			4[illegible]	1.[illegible]	11.7			[illegible]
ESE	[illegible]		1[illegible]						[illegible].9		22.[illegible]			36.1
SE	[illegible].1		[illegible]						[illegible].4	2.[illegible]	2[illegible].5			[illegible]
SSE	[illegible]	3.6	[illegible].6						4[illegible]	1.[illegible]	23.6			41.[illegible]
S	[illegible].7	4.3	[illegible].2			1.1			[illegible].3	[illegible].3	13.[illegible]			53.3
SSW	[illegible].7	[illegible].4							1[illegible]	1.7	1[illegible]			59.[illegible]
SW	[illegible]	3.6							1[illegible]	.7	17.4			[illegible].7
WSW	[illegible]	1.[illegible]	.8					1.5	1[illegible].5	4.5	1[illegible]			61.4
W	[illegible]	1.7				.[illegible]			[illegible].7	1.3	11.1			79.[illegible]
WNW	[illegible]	1.3	.4			.[illegible]		.[illegible]	[illegible].3	.4	6.3			87.[illegible]
NW	1.[illegible]	.4	1.7			.9			3.3	.4	4.7			89.1
NNW	[illegible]	.[illegible]	1.1			[illegible].7			[illegible]	1.1	5.3			84.6
VARIABLE														
CALM	.[illegible]	1.2	1.2					.[illegible]	[illegible].1	[illegible].4	12.2			57.7
TOTAL	1[illegible]	42	53	[illegible]	1	1		4	4[illegible]7	47	363			1[illegible]74
% TOTAL	[illegible]	1.3	2.4	.1	[illegible]	.9		.7	17.[illegible]	2.[illegible]	11.2			66.2

TOTAL NUMBER OF OBSERVATIONS 3,4[illegible]

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible]

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET (ICE PELLETS)	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG (FROZEN FOG)	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	[illegible]		[illegible]		[illegible]	7.[illegible]			[illegible]		[illegible]	[illegible]		[illegible]
NNE	[illegible]	1.[illegible]			1.[illegible]	9.1			1[illegible]		[illegible]			67.[illegible]
NE	[illegible]		1.6		1.6	6.[illegible]			[illegible]	1.[illegible]	12.[illegible]			[illegible]
ENE	[illegible]	[illegible]	[illegible]			[illegible]			[illegible]	1.[illegible]	[illegible]			[illegible]
E	[illegible]	2.[illegible]		1.1		[illegible]			[illegible]		15.1			[illegible]
ESE	[illegible]	2.2	17.3	4.4		11.1			[illegible]		11.1	[illegible]		71.1
SE	[illegible]		[illegible]						[illegible]	3.[illegible]	14.[illegible]			35.7
SSE	[illegible]	5.[illegible]	[illegible]			5.[illegible]			[illegible]		17.[illegible]			34.[illegible]
S	[illegible]	6.[illegible]	4.[illegible]			1.2			[illegible]	1.2	[illegible]			42.[illegible]
SSW	[illegible]	5.1	[illegible]			[illegible]			[illegible]	1.[illegible]	16.2			54.5
SW	[illegible]	2.[illegible]	1.[illegible]			[illegible]			[illegible]		[illegible]			71.9
WSW	[illegible]	1.4	[illegible]			[illegible]			11.4	2.[illegible]	14.[illegible]			63.6
W		[illegible]	1.[illegible]			[illegible]			[illegible]	[illegible]	[illegible]			[illegible]
WNW	[illegible]	[illegible]	[illegible]			[illegible]			[illegible]	[illegible]	[illegible]	1.[illegible]		[illegible]
NW	[illegible]	[illegible]	[illegible]		[illegible]	2.[illegible]			[illegible]		1.[illegible]	[illegible]		[illegible]
NNW	[illegible]		1.[illegible]			[illegible]			[illegible]		1.[illegible]	[illegible]		[illegible]
VARIABLE														
CALM	[illegible]	[illegible]	[illegible]			[illegible]			[illegible]	[illegible]	[illegible]			[illegible]
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
%	[illegible]	1.[illegible]	1.[illegible]	[illegible]	[illegible]	3.[illegible]			1[illegible]	1.1	7.[illegible]	[illegible]		[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible],47

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

WIND DIRECTION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	% WEATHER
N	.1	1.4	.1	.1	.4	2.1		.1	.7	.1	11.1	.1		17.1
NNE	.1	2.1	.1	.1	.3	3.1		.1	1.1	1.1	11.2	.1		19.1
NE	.1	2.1	.2	.1	.2	2.1		.2	2.2	2.1	12.2	.1		21.1
ENE	1.1	2.3	.2	.1	.2	4.1		.1	2.3	2.2	14.1	.2		27.1
E	.1	3.6	1.1	.1	.2	3.3		.3	4.7	2.3	1[illegible].7			3[illegible]
ESE	1.1	4.7	7.0	.1	.1	2.1		.1	7.1	2.4	23.6	.1		36.5
SE	1.3	4.3	7.7	.2	.3	1.1		.1	7.5	2.2	22.5			42.5
SSE	1.1	6.7	2.6	.3	.4	.2		1.3	2.1	2.4	26.3			42.5
S	.1	4.1	2.4			.4		1.1	21.3	3.4	27.5			4[illegible]
SSW	4.1	4.1	1.1			.3		1.2	1[illegible].4	2.2	27.5			64.3
SW	.1	2.2	.1	.1		.1		.1	13.7	2.2	29.1			5[illegible]
WSW	1.1	3.7	.6			.1		1.1	11.3	4.3	3[illegible].3			5[illegible].1
W	1.1	2.1	.2			.7		.7	[illegible].9	2.4	2[illegible].2	.1		6[illegible]
WNW	1.2	1.4	.4	.1		1.1		.2	[illegible].5	2.1	15.2	.5		75.1
NW	1.1	1.6	.1	.1	.0	1.7		.4	[illegible]	1.1	[illegible].3	.4		81.6
NNW	1.1	1.5	.6	.1	.1	2.1		.1	[illegible].2	.3	[illegible].2	.4		84.1
VARIABLE														
CALM	.1	1.5	1.1	.1	.1	1.1		.1	2[illegible].2	5.7	18.1			55.[illegible]
TOTAL	1	7[illegible]	5[illegible]	5[illegible]	3[illegible]	4[illegible]		191	[illegible]	8[illegible]	1430	40		17992
TOTAL %	.1	2.1	[illegible].1	.3	.1	1.4		.7	17.3	2.7	1[illegible].5	.1		61.5

TOTAL NUMBER OF OBSERVATIONS 2[illegible],213

NAVWEASERVCOM

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.

2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956, and after Dec 1979.

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible]

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00				MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	[illegible]	1[illegible].7	1.[illegible]	[illegible].2	[illegible].2	7.2	5.[illegible]	[illegible]	3.[illegible]	.1					3[illegible].5	713	3.50	13.71	.[illegible]
FEB	[illegible].7	1[illegible].[illegible]	1.1	7.9	3.[illegible]	6.[illegible]	4.[illegible]	6.[illegible]	1.[illegible]						11.[illegible]	734	3.31	6.77	.[illegible]
MAR	4.[illegible]	1[illegible].2	[illegible].7	[illegible].9	3.[illegible]	7.2	7.4	6.3	3.[illegible]						3[illegible].7	744	4.30	[illegible].02	1.[illegible]
APR	.7	11.2	1.[illegible]	[illegible].3	[illegible].4	5.6	6.2	6.4	2.4						[illegible].[illegible]	7[illegible]	3.69	8.22	1.5[illegible]
MAY	[illegible].[illegible]	11.[illegible]	1.2	[illegible].4	4.7	9.2	[illegible].2	6.6	7.4	.1					3[illegible].[illegible]	6[illegible]2	4.47	[illegible].49	1.[illegible]
JUN	.7	11.[illegible]	[illegible].7	7.2	4.5	7.6	6.5	5.7	2.7	.7	.1				3[illegible].[illegible]	7[illegible]	3.52	8.[illegible]	1.1[illegible]
JUL	[illegible].[illegible]	1[illegible].[illegible]	1.[illegible]	.4	[illegible].[illegible]	6.3	6.7	4.7	2.7	.2					[illegible].[illegible]	6[illegible]2	4.21	7.[illegible]4	1.[illegible]
AUG	[illegible].[illegible]	11.[illegible]	[illegible].3	[illegible].2	7.[illegible]	5.2	4.[illegible]	4.[illegible]	3.[illegible]	.[illegible]					31.[illegible]	744	4.57	1[illegible].99	1.5[illegible]
SEP	.1	[illegible]	1.[illegible]	4.6	7.[illegible]	6.4	5.4	5.1	2.[illegible]	.4					[illegible].4	7[illegible]	3.[illegible]4	[illegible].[illegible]	1.41
OCT	.7	1[illegible].[illegible]	1.6	1.5	[illegible].[illegible]	4.4	4.7	3.6	2.5	.[illegible]	.1				2[illegible].1	744	3.31	7.[illegible]	.47
NOV	.7	1[illegible].[illegible]	1.7	[illegible].9	4.[illegible]	6.9	7.1	5.7	1.[illegible]	.[illegible]					12.1	7[illegible]	3.31	[illegible].[illegible]	.51
DEC	.7	17.[illegible]	1.[illegible]	7.3	4.[illegible]	[illegible].2	[illegible].4	5.3	7.4	.1					3[illegible].	6[illegible]2	7.[illegible]2	7.[illegible]	.[illegible]
ANNUAL	.[illegible]	1[illegible].1	1.7	6.3	4.1	6.7	5.7	[illegible].4	2.[illegible]	.3	.1				33.[illegible]	[illegible]7[illegible]54	[illegible].65		

NAVWEASERVCOM

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF [illegible]

(FROM DAILY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible]

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FEB	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	67	[illegible]	[illegible]	[illegible]
MAR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	744	[illegible]	[illegible]	[illegible]
APR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MAY	[illegible]	[illegible]													[illegible]			[illegible]
JUN	[illegible]														[illegible]	[illegible]	[illegible]	[illegible]
JUL	[illegible]														[illegible]	[illegible]	[illegible]	[illegible]
AUG	[illegible]														[illegible]	[illegible]	[illegible]	[illegible]
SEP	[illegible]														[illegible]	[illegible]	[illegible]	[illegible]
OCT	[illegible]	[illegible]		[illegible]	[illegible]									[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NOV	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DEC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ANNUAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]			
FEB	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]			
MAR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]			
APR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]			
MAY	[illegible]														[illegible]			
JUN	[illegible]														[illegible]			
JUL	[illegible]														[illegible]			
AUG	[illegible]														[illegible]			
SEP	[illegible]														[illegible]			
OCT	[illegible]	[illegible]	[illegible]											[illegible]	[illegible]			
NOV	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]			
DEC	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.4	[illegible]	[illegible]						[illegible]	744			
ANNUAL	[illegible]	[illegible]	1.7	1.3	1.1	1.9	1.[illegible]	[illegible]						[illegible]	[illegible]			

NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible]
(FROM DAILY OBSERVATIONS)

[illegible]	[illegible]	[illegible]
STATION	STATION NAME	YEARS

YEAR \ MONTH	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
[illegible]		[illegible]		[illegible]		[illegible] [illegible]	[illegible]	1.27	[illegible]		[illegible]		
[illegible]				1.1									
		[illegible] [illegible]	[illegible]	1.32 .77	1.37	.48	2.45	[illegible] 4.16	[illegible] .96	[illegible] 1.04	.27 [illegible]	[illegible]	
[illegible]	[illegible] [illegible]	[illegible] .73	1.22 2.39	.47 2.33	1.2	.36 [illegible]	.75	[illegible]	.67 [illegible]	[illegible]	[illegible] [illegible]	[illegible]	
[illegible]	[illegible] .31	.24 [illegible]	1.27 .99	1.11 .99	1.09 .75	[illegible] .69	1.66 1.27	2.25 [illegible]	1.39 [illegible]	1.74 [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]
[illegible]	[illegible] .52	[illegible] 1.03	[illegible] 1.53	[illegible] [illegible]	[illegible] 1.25	[illegible] 1.33	[illegible] 1.12	[illegible] 1.14	1.12 1.27	[illegible] 1.41	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]
[illegible]	.67	[illegible]	[illegible]										
[illegible]													
[illegible]													
[illegible]									[illegible]	3.44	.75	[illegible]	
[illegible]	[illegible] .21	[illegible] [illegible]	[illegible] [illegible]	.31 [illegible]	[illegible] [illegible]	[illegible] [illegible]	1.56 [illegible]	1.75 .77	[illegible] [illegible]	[illegible] 1.14	[illegible]	[illegible] [illegible]	[illegible]
[illegible]	[illegible] [illegible]	[illegible] 1.14	1.47 [illegible]	.91 [illegible]	[illegible] [illegible]	1.47 [illegible]	[illegible]	[illegible] [illegible]	[illegible] .31	.56 [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible]
[illegible]	[illegible] [illegible]	1.13 [illegible]	.79 [illegible]	[illegible] [illegible]	1.17 [illegible]	.47 [illegible]	1.97 [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] 4.14	.24 [illegible]	[illegible] [illegible]
[illegible]	[illegible] .5	1.41 [illegible]	[illegible] 2.01	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	3.24 2.47	[illegible] [illegible]	[illegible] [illegible]	[illegible] .7	[illegible] [illegible]	[illegible] [illegible]
[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	1.11 [illegible]	[illegible] [illegible]	[illegible] .67	3.71 [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]
MEAN													
S D													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION | STATION NAME | YEARS

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]	[illegible]	1.13	1.65	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.4[illegible]	1.[illegible]	[illegible].11	1.[illegible]	[illegible].11
[illegible]	1.4[illegible]	1.[illegible]	1.44	.7[illegible]	2.1[illegible]	1.[illegible]	[illegible]	2.4[illegible]	.3[illegible]	.49	[illegible]	2.[illegible]	[illegible]
[illegible]	[illegible]	1.[illegible]	1.2[illegible]	1.2[illegible]	2.44	1.2[illegible]	.6[illegible]	1.[illegible]	[illegible].34	1.17	1.1[illegible]	.4[illegible]	[illegible]
	[illegible]	[illegible]	2.1[illegible]	1.[illegible]	.58	.33	2.1[illegible]	2.1[illegible]	[illegible]	[illegible].2[illegible]	1.26		
1	.3[illegible]	1.13	[illegible]	1.2[illegible]	2.8[illegible]	[illegible]	1.3[illegible]	1.3[illegible]	1.7[illegible]	.67	.5[illegible]	[illegible]	[illegible]
2	1.34	1.14	1.13	1.32	.63	1.4[illegible]	2.52	[illegible]	[illegible].34	.93	.76	[illegible]	[illegible]
MEAN	[illegible]	[illegible]	1.3[illegible]	1.1[illegible]	1.2	1.[illegible]4	1.5[illegible]	1.[illegible]4	1.[illegible]	1.47	1.22	1.1	[illegible]
S.D.	.4[illegible]	.3[illegible]	.[illegible]24	.45	.[illegible]31	1.[illegible]4	1.34	[illegible]	.7[illegible]	1.[illegible]2	[illegible]	.7[illegible]	[illegible]
TOTAL OBS.	[illegible]17	734	744	7[illegible]	[illegible]	[illegible]	[illegible]	[illegible]4	7[illegible]	7[illegible]4	[illegible]	6[illegible]	[illegible]7

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible]
FROM DAILY OBSERVATIONS

[illegible]	[illegible]	[illegible]
STATION	STATION NAME	YEARS

[illegible]
[illegible]

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]		.[illegible] [illegible]	.[illegible] [illegible]		1.1[illegible] [illegible]					.[illegible] [illegible]		.[illegible] [illegible]1	[illegible] DAYS
[illegible]	1.[illegible] [illegible]		.17 1[illegible]	.[illegible] [illegible]	1.[illegible] 14		[illegible].4[illegible] [illegible]	2.[illegible] [illegible]	1.[illegible] [illegible]9	.2[illegible] 1	.5[illegible] [illegible]	3.[illegible] [illegible]	[illegible] DAYS
[illegible]	.5[illegible] 7	.[illegible] [illegible]	1.5[illegible] [illegible]		1.5[illegible] [illegible]	.[illegible]4 [illegible]	.[illegible] 1[illegible]	.[illegible]1 1[illegible]	1.1[illegible] 14	2.[illegible] 2[illegible]	2.[illegible] [illegible]		[illegible] DAYS
[illegible]	1.2[illegible] 1[illegible]	.[illegible]1 11	.71 17	1.21 1[illegible]	1.7[illegible] 15	1.[illegible] [illegible]	1.75 11	1.[illegible]5 11	1.[illegible] [illegible]	.65 1[illegible]	.7[illegible] 1[illegible]	1.[illegible] 1[illegible]	[illegible] DAYS
	1.2[illegible] 14		.[illegible] [illegible]		1.30 27	.3[illegible] 27	1.[illegible] [illegible]					.7[illegible] [illegible]	[illegible] DAYS
	.4[illegible] [illegible]												[illegible] DAYS
[illegible]										1.[illegible] [illegible]		1.[illegible] [illegible]	[illegible] DAYS
													[illegible] DAYS
													[illegible] DAYS
													[illegible] DAYS
													[illegible] DAYS
													[illegible] DAYS
													[illegible] DAYS
													[illegible] DAYS
													[illegible] DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

PRECIP AMOUNTS IN INCHES
/ ASTERISK ON LESS THAN FULL MONTH /

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
MEAN													
S D													
TOTAL OBS													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible]
FROM DAILY OBSERVATIONS

[illegible] STATION
[illegible] STATION NAME
[illegible] YEARS

[illegible]

MONTH / YEAR	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
[illegible]		[illegible]	[illegible]	[illegible]		[illegible] [illegible]	[illegible]	[illegible]	[illegible]		[illegible]		
[illegible]				[illegible]									
			[illegible]	[illegible]	[illegible]	[illegible]		[illegible] [illegible]	[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible]	
[illegible]	[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] [illegible]	[illegible]	[illegible] [illegible]	[illegible]	
[illegible]	[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible]
[illegible]	1.1 [illegible]	[illegible] 1.2	[illegible] 5.7	[illegible] 3.1	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] 5.7
[illegible]	[illegible]	[illegible]	[illegible]										
[illegible]													
[illegible]									[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible]	[illegible] [illegible]	[illegible]
[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible]
[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]
[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]
[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]
MEAN													
S D													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION: [illegible]
STATION NAME: [illegible], PA
YEARS: 4 -57, 66-7[illegible]

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible] 7	. 4.	. 17.	. 5.7	. .	. .	. .	. .	. .	. .	. .	. .	1. .	4. 13.
7	.4 2.	15.6 .	. 1 .	. .1	. .	.	. .	. .	. .	. .	. 1.0	5.	15.6
1	3. 6.	. 1.3	. .	. 5.	. .	. .	. .	. .	. .	. .	. .	4.3 7.	. .
MEAN	.42	3.[illegible]	2.33	.40	.[illegible]	.[illegible]	.10	.[illegible]	.[illegible]	.11	.[illegible]3	2.5	[illegible]
S.D.	[illegible]	4.[illegible]22	2.[illegible]27	1.172	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.414	2.[illegible]40	2.[illegible]	4.[illegible]7
TOTAL OBS.	[illegible]1	67[illegible]	744	75	[illegible]32	[illegible]	[illegible]51	744	[illegible]	744	75[illegible]	6[illegible]	[illegible]

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible] FALL
(FROM DAILY OBSERVATIONS)

[illegible] STATION | [illegible] STATION NAME | 4 -57, 65-[illegible] YEARS

24 HOUR AMOUNTS IN INCHES
/RATES ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]		[illegible]	[illegible]		[illegible]					[illegible]		[illegible]	SNOFALL DAYS
[illegible]	[illegible]			[illegible]	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	SNOFALL DAYS
[illegible]	[illegible]	[illegible]	[illegible]				[illegible]				[illegible]		SNOFALL DAYS
	[illegible]	[illegible]	[illegible]			[illegible]			[illegible]			[illegible]	SNOFALL DAYS
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	SNOFALL DAYS
[illegible]	[illegible]	[illegible]					[illegible]						SNOFALL DAYS
[illegible]										[illegible]		[illegible]	SNOFALL DAYS
[illegible]	[illegible]				[illegible]	[illegible]	[illegible]						SNOFALL DAYS
[illegible]	[illegible]												SNOFALL DAYS
[illegible]				[illegible]	[illegible]		[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	SNOFALL DAYS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	SNOFALL DAYS
[illegible]			[illegible]	[illegible]	[illegible]								SNOFALL DAYS
[illegible]			[illegible]										SNOFALL DAYS
[illegible]													SNOFALL DAYS
MEAN													
S. D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible] FALL
(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

[illegible]
[illegible] ON LESS THAN [illegible] FULL MONTH

MONTH / YEAR	JAN	FEB	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP	OCT	NOV	DEC	ALL MONTHS
													[illegible] DAYS
													[illegible]
													[illegible]
													[illegible]
												1.	[illegible]
													[illegible]
MEAN													
S. D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION | STATION NAME | YEARS

YEAR \ MONTH	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
MEAN													
S D													
TOTAL OBS													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION | STATION NAME | YEARS

MONTH / YEAR	JAN	FEB	MAR.	APR	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
MEAN													
S D													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION | STATION NAME | YEARS

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
MEAN													
S D													
TOTAL OBS													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

STATION _____ STATION NAME _____ YEARS _____

MONTH / YEAR	JAN	FEB	MAR.	APR	MAY	JUN.	JUL.	AUG.	SEP	OCT	NOV.	DEC	ALL MONTHS
MEAN													
S D													
TOTAL OBS													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION NAME — YEARS

MONTH

DAY	PRECIPITATION GREATEST INCHES	MM	DATE	SNOWFALL GREATEST INCHES	MM	DATE
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30						
31						
Monthly	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

* ALSO ON EARLIER YEARS
T TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

[illegible] SERVICE DETACHMENT
[illegible] CAROLINA

DAILY EXTREME AMOUNTS

STATION NAME

YEARS

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]			
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Monthly	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

* ALSO ON EARLIER YEARS
T TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION NAME

YEARS

MONTH

DAY	PRECIPITATION GREATEST INCHES	PRECIPITATION GREATEST MM	PRECIPITATION GREATEST DATE	SNOWFALL GREATEST INCHES	SNOWFALL GREATEST MM	SNOWFALL GREATEST DATE
1	[illegible]	[illegible]	[illegible]			
2	[illegible]	[illegible]	[illegible]			
3	[illegible]	[illegible]	[illegible]			
4	[illegible]	[illegible]	[illegible]			
5	[illegible]	[illegible]	[illegible]			
6	[illegible]	[illegible]	[illegible]			
7	[illegible]	[illegible]	[illegible]			
8	[illegible]	[illegible]	[illegible]			
9	[illegible]	[illegible]	[illegible]			
10	[illegible]	[illegible]	[illegible]			
11	[illegible]	[illegible]	[illegible]			
12	[illegible]	[illegible]	[illegible]			
13	[illegible]	[illegible]	[illegible]			
14	[illegible]	[illegible]	[illegible]			
15	[illegible]	[illegible]	[illegible]			
16	[illegible]	[illegible]	[illegible]			
17	[illegible]	[illegible]	[illegible]			
18	[illegible]	[illegible]	[illegible]			
19	[illegible]	[illegible]	[illegible]			
20	[illegible]	[illegible]	[illegible]			
21	[illegible]	[illegible]	[illegible]			
22	[illegible]	[illegible]	[illegible]			
23	[illegible]	[illegible]	[illegible]			
24	[illegible]	[illegible]	[illegible]			
25	[illegible]	[illegible]	[illegible]			
26	[illegible]	[illegible]	[illegible]			
27	[illegible]	[illegible]	[illegible]			
28	[illegible]	[illegible]	[illegible]			
29	[illegible]	[illegible]	[illegible]			
30	[illegible]	[illegible]	[illegible]			
31	[illegible]	[illegible]	[illegible]			
Monthly	[illegible]	[illegible]	[illegible]			

MONTH

DAY	PRECIPITATION GREATEST INCHES	PRECIPITATION GREATEST MM	PRECIPITATION GREATEST DATE	SNOWFALL GREATEST INCHES	SNOWFALL GREATEST MM	SNOWFALL GREATEST DATE
1	[illegible]	43	[illegible]			
2	[illegible]	56	[illegible]			
3	[illegible]	[illegible]	[illegible]	T	T	[illegible]
4	[illegible]	[illegible]	[illegible]			
5	[illegible]	23	[illegible]			
6	[illegible]	[illegible]	[illegible]			
7	[illegible]	[illegible]	[illegible]			
8	[illegible]	26	[illegible]			
9	[illegible]	22	[illegible]			
10	[illegible]	14	[illegible]			
11	[illegible]	33	[illegible]			
12	[illegible]	75	[illegible]			
13	[illegible]	[illegible]	[illegible]			
14	[illegible]	[illegible]	[illegible]			
15	[illegible]	13	[illegible]			
16	1.4	37	[illegible]			
17	[illegible]	[illegible]	[illegible]			
18	[illegible]	25	[illegible]			
19	[illegible]	[illegible]	[illegible]			
20	[illegible]	23	[illegible]			
21	[illegible]	[illegible]	[illegible]			
22	[illegible]	[illegible]	[illegible]			
23	[illegible]	[illegible]	[illegible]			
24	[illegible]	26	[illegible]			
25	[illegible]	14	[illegible]			
26	[illegible]	11	[illegible]			
27	[illegible]	[illegible]	[illegible]			
28	[illegible]	[illegible]	[illegible]			
29	[illegible]	144	[illegible]			
30	[illegible]	[illegible]	[illegible]			
31						
Monthly	[illegible]	144	[illegible]	T	T	[illegible]

* ALSO ON EARLIER YEARS
T TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

2

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION NAME

YEARS

MONTH

DAY	PRECIPITATION GREATEST INCHES	PRECIPITATION GREATEST MM	PRECIPITATION GREATEST DATE	SNOWFALL GREATEST INCHES	SNOWFALL GREATEST MM	SNOWFALL GREATEST DATE
1	[illegible]	[illegible]	[illegible]			
2	[illegible]	[illegible]	[illegible]			
3	[illegible]	4	[illegible]			
4	[illegible]	[illegible]	[illegible]			
5	[illegible]	[illegible]	[illegible]			
6	[illegible]	[illegible]	[illegible]			
7	[illegible]	[illegible]	[illegible]			
8	[illegible]	[illegible]	[illegible]			
9	[illegible]	[illegible]	[illegible]			
10	[illegible]	[illegible]	[illegible]			
11	[illegible]	[illegible]	[illegible]			
12	[illegible]	[illegible]	[illegible]			
13	[illegible]	4	[illegible]			
14	[illegible]	[illegible]	[illegible]			
15	[illegible]	[illegible]	[illegible]			
16	[illegible]	[illegible]	[illegible]			
17	[illegible]	[illegible]	[illegible]			
18	[illegible]	[illegible]	[illegible]			
19	[illegible]	[illegible]	[illegible]			
20	[illegible]	[illegible]	[illegible]			
21	[illegible]	[illegible]	[illegible]			
22	[illegible]	[illegible]	[illegible]			
23	[illegible]	[illegible]	[illegible]			
24	[illegible]	[illegible]	[illegible]			
25	[illegible]	[illegible]	[illegible]			
26	[illegible]	[illegible]	[illegible]			
27	[illegible]	[illegible]	[illegible]			
28	[illegible]	[illegible]	[illegible]			
29	[illegible]	[illegible]	[illegible]			
30	[illegible]		[illegible]			
31	[illegible]	[illegible]	[illegible]			
Monthly	[illegible]	4	[illegible]			

MONTH

DAY	PRECIPITATION GREATEST INCHES	PRECIPITATION GREATEST MM	PRECIPITATION GREATEST DATE	SNOWFALL GREATEST INCHES	SNOWFALL GREATEST MM	SNOWFALL GREATEST DATE
1	[illegible]	[illegible]	[illegible]			
2	[illegible]	[illegible]	[illegible]			
3	[illegible]	[illegible]	[illegible]			
4	[illegible]	23	[illegible]			
5	[illegible]	55	[illegible]			
6	[illegible]	1	[illegible]			
7	[illegible]	14	[illegible]			
8	[illegible]	34	[illegible]			
9	[illegible]	67	[illegible]			
10	[illegible]	[illegible]	[illegible]			
11	[illegible]	21	[illegible]			
12	[illegible]	[illegible]	[illegible]			
13	[illegible]	[illegible]	[illegible]			
14	[illegible]	[illegible]	[illegible]			
15	[illegible]	[illegible]	[illegible]			
16	[illegible]	[illegible]	[illegible]			
17	[illegible]	14	[illegible]			
18	[illegible]	[illegible]	[illegible]			
19	[illegible]	[illegible]	[illegible]			
20	[illegible]	[illegible]	[illegible]			
21	[illegible]	[illegible]	[illegible]			
22	[illegible]	[illegible]	[illegible]			
23	[illegible]	[illegible]	[illegible]			
24	[illegible]	[illegible]	[illegible]			
25	[illegible]	[illegible]	[illegible]			
26	[illegible]	14	[illegible]			
27	[illegible]	[illegible]	[illegible]			
28	[illegible]	61	[illegible]			
29	[illegible]	[illegible]	[illegible]			
30	[illegible]	[illegible]	[illegible]			
31	[illegible]	[illegible]	[illegible]			
Monthly	[illegible]	[illegible]	[illegible]			

* ALSO ON EARLIER YEARS
T TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION NAME

YEARS

MONTH

DAY	PRECIPITATION GREATEST INCHES	MM	DATE	SNOWFALL GREATEST INCHES	MM	DATE
1	[illegible]	[illegible]	[illegible]			
2	[illegible]	[illegible]	[illegible]			
3	[illegible]	[illegible]	[illegible]			
4	[illegible]	[illegible]	[illegible]			
5	[illegible]	[illegible]	[illegible]			
6	[illegible]	[illegible]	[illegible]			
7	[illegible]	[illegible]	[illegible]			
8	[illegible]	[illegible]	[illegible]			
9	[illegible]	[illegible]	[illegible]			
10	[illegible]	[illegible]	[illegible]			
11	[illegible]	[illegible]	[illegible]			
12	[illegible]	[illegible]	[illegible]			
13	[illegible]	[illegible]	[illegible]			
14	[illegible]	[illegible]	[illegible]			
15	[illegible]	[illegible]	[illegible]			
16	[illegible]	[illegible]	[illegible]			
17	[illegible]	[illegible]	[illegible]			
18	[illegible]	[illegible]	[illegible]			
19	[illegible]	[illegible]	[illegible]			
20	[illegible]	[illegible]	[illegible]			
21	[illegible]	[illegible]	[illegible]			
22	[illegible]	[illegible]	[illegible]			
23	[illegible]	[illegible]	[illegible]			
24	[illegible]	[illegible]	[illegible]			
25	[illegible]	[illegible]	[illegible]			
26	[illegible]	[illegible]	[illegible]			
27	[illegible]	[illegible]	[illegible]			
28	[illegible]	[illegible]	[illegible]			
29	[illegible]	[illegible]	[illegible]			
30	[illegible]	[illegible]	[illegible]			
31						
Monthly	[illegible]	[illegible]	[illegible]			

MONTH

DAY	PRECIPITATION GREATEST INCHES	MM	DATE	SNOWFALL GREATEST INCHES	MM	DATE
1	1.1	3[illegible]	1[illegible]			
2	[illegible]	1[illegible]	197[illegible]			
3	[illegible]	21	1[illegible]			
4	[illegible]	[illegible]	1956			
5	[illegible]	2[illegible]	1[illegible]			
6	[illegible]	31	1[illegible]			
7	1.0	41	1[illegible]			
8	[illegible]	17	1947			
9	[illegible]	22	1979			
10	[illegible]	5[illegible]	1971	[illegible]	2[illegible]	1979
11	[illegible]	23	1951			
12	[illegible]	6	1979			
13	[illegible]	4	1974			
14	[illegible]	56	1[illegible]			
15	1.[illegible]	4[illegible]	1[illegible]			
16	1.[illegible]	40	1974			
17	[illegible]	23	1[illegible]	T	T	[illegible]
18	[illegible]	1[illegible]	197[illegible]	T	T	1[illegible]
19	[illegible]	[illegible]	1966	1.[illegible]	4[illegible]	1 72
20	[illegible]	[illegible]	1[illegible]	T	T	[illegible]
21	1.[illegible]	27	1[illegible]			
22	[illegible]	4[illegible]	1[illegible]			
23	[illegible]	36	1[illegible]			
24	1.13	2[illegible]	1[illegible]			
25	[illegible]	133	1[illegible]			
26	[illegible]	15	1[illegible]			
27	[illegible]	1[illegible]	1[illegible]			
28	[illegible].30	5[illegible]	1947			
29	[illegible]	51	1[illegible]	T	T	1[illegible]2
30	[illegible]	15	1[illegible]			
31	[illegible]	17	1[illegible]			
Monthly	[illegible]	133	1[illegible]	1.9	[illegible]	72

* ALSO ON EARLIER YEARS
T TRACE, AN AMOUNT TOO SMALL TO MEASURE
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NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION NAME

YEARS

MONTH

DAY	PRECIPITATION GREATEST INCHES	PRECIPITATION GREATEST MM	PRECIPITATION GREATEST DATE	SNOWFALL GREATEST INCHES	SNOWFALL GREATEST MM	SNOWFALL GREATEST DATE
1	[illegible]	[illegible]	[illegible]			
2	[illegible]	[illegible]	[illegible]			
3	[illegible]	[illegible]	[illegible]			
4	[illegible]	[illegible]	[illegible]			
5	[illegible]	[illegible]	[illegible]			
6	[illegible]	[illegible]	[illegible]	4.[illegible]	11[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	[illegible]	[illegible]	[illegible]			
17	[illegible]	[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]
18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
22	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
23	[illegible]	[illegible]	[illegible]			
24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
25	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
26	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
27	[illegible]	[illegible]	[illegible]	[illegible]	51	[illegible]
28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	[illegible]	[illegible]	5.[illegible]	[illegible]	[illegible]
31						
Monthly	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

MONTH

DAY	PRECIPITATION GREATEST INCHES	PRECIPITATION GREATEST MM	PRECIPITATION GREATEST DATE	SNOWFALL GREATEST INCHES	SNOWFALL GREATEST MM	SNOWFALL GREATEST DATE
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	13	1974	2.[illegible]	5	[illegible]
3	1.[illegible]	[illegible]	1967	[illegible]	[illegible]	[illegible]
4	1.[illegible]	34	[illegible]	[illegible]	[illegible]	[illegible]
5	1.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	1.13	[illegible]	[illegible]	1.3	25	1977
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]	73	[illegible]	[illegible]	51	[illegible]
10	1.1	[illegible]	1969	[illegible]	[illegible]	[illegible]
11	1.1[illegible]	[illegible]	[illegible]	2.[illegible]	61	1945
12	[illegible]	26	[illegible]	[illegible]	76	[illegible]
13	[illegible]	23	[illegible]	4.4	112	[illegible]
14	1.[illegible]	31	[illegible]	6.[illegible]	152	[illegible]
15	[illegible]	24	[illegible]	[illegible]	152	[illegible]
16	1.9	[illegible]	1974	4.3	109	1981
17	[illegible]	[illegible]	[illegible]	[illegible]	64	1973
18	[illegible]	[illegible]	1977	1.[illegible]	[illegible]	[illegible]
19	[illegible]	11	[illegible]	5.[illegible]	132	1945
20	1.[illegible]	33	[illegible]	[illegible]	215	[illegible]
21	[illegible]	[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]
22	1.[illegible]	34	[illegible]	1.7	43	[illegible]
23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24	[illegible]	27	[illegible]	11.6	[illegible]	[illegible]
25	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]
26	[illegible]	[illegible]	[illegible]	7.7	196	[illegible]
27	[illegible]	11	[illegible]	[illegible]	[illegible]	[illegible]
28	1.[illegible]	[illegible]	[illegible]	[illegible]	51	[illegible]
29	[illegible]	77	[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31	[illegible]	[illegible]	[illegible]	4.[illegible]	[illegible]	[illegible]
Monthly	[illegible]	77	[illegible]	11.6	[illegible]	[illegible]

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NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION

STATION NAME

YEARS

MONTH / YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible]
(FROM DAILY OBSERVATIONS)

STATION | STATION NAME | YEARS

[illegible]

MONTH / YEAR	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]		
[illegible]				[illegible]						[illegible]			
MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible]
(FROM DAILY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible]

DAILY [illegible] IN KNOTS
[illegible] ON LESS THAN [illegible] OBSERVATIONS PER MONTH

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]												[illegible]	[illegible]
[illegible]							[illegible]			[illegible]	[illegible]		[illegible]
[illegible]							[illegible]						[illegible]
			[illegible]			[illegible]	[illegible]						[illegible]
							[illegible]		[illegible]				[illegible]
[illegible]		[illegible]											[illegible]
[illegible]			[illegible]					[illegible]					[illegible]
[illegible]						[illegible]						[illegible]	[illegible]
	[illegible]												[illegible]
							[illegible]						[illegible]
[illegible]						[illegible]		[illegible]					[illegible]
				[illegible]	[illegible]			[illegible]					[illegible]
[illegible]									[illegible]				[illegible]
[illegible]			[illegible]	[illegible]									[illegible]
[illegible]	[illegible]				[illegible]			[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
MEAN													
S. D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SURFACE [illegible]
(FROM DAILY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible]

DATA PRIOR TO [illegible] IN [illegible]
BASED ON LESS THAN [illegible] OBSERVATIONS PER MONTH

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]	[illegible] 33 / 15		32 27 / 5	1[illegible] 27 / 16	23 25 / 9	[illegible] 47 / 7	32 [illegible] / 15	26 [illegible] / 1	19 [illegible] / 1[illegible]	17 24 / 25		3[illegible] 32 / 26	[illegible] DAYS
							27 49 / 24		[illegible]	[illegible]	33 31 / 22	30 27 / 27	[illegible] DAYS
[illegible]	27 3[illegible] / 1[illegible]	32 [illegible] / [illegible]	1[illegible] 32 / 11	3[illegible] 31 / 2[illegible]	36 21 / 1[illegible]	34 42 / 23	3[illegible] 3[illegible] / 26	2[illegible] [illegible] / 1[illegible]	[illegible] [illegible] / 12	1[illegible] 15 / 3	32 33 / 1[illegible]	33 34 / 25	[illegible] DAYS
[illegible]	27 3[illegible] / 1[illegible]	2[illegible] 3[illegible] / 14	31 [illegible] / 27		3[illegible] 2[illegible] / 24	13 17 / 4	34 39 / [illegible]	3 17 / [illegible]	11 21 / 12		21 23 / 1[illegible]	34 [illegible] / 24	[illegible] DAYS
MEAN													
S D.													
TOTAL OBS.													

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE		[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE		[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]		[illegible]			[illegible]						[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
NE		[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE		[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]				[illegible]						[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]					[illegible]				[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]				[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

L
2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]										[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]											[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]
SSW	[illegible]	[illegible]			[illegible]	[illegible]						[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

H
2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	•	•										[illegible]	[illegible]
NE	•	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	•	[illegible]	[illegible]			•						[illegible]	[illegible]
E	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE		[illegible]	•									[illegible]	[illegible]
SSE	•	[illegible]										[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	•	[illegible]								[illegible]	[illegible]
SW	•	[illegible]	[illegible]			•						[illegible]	[illegible]
WSW		[illegible]	•	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	•	[illegible]	[illegible]							[illegible]	[illegible]
NW	•	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

H 2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE		[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]		[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE		[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]										[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]					[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]				[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE		[illegible]										[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE		[illegible]										[illegible]	[illegible]
SSE			[illegible]									[illegible]	[illegible]
S	[illegible]		[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: [illegible] HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]											[illegible]	[illegible]
SSE	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
S	[illegible]		[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW		[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible]
STATION NAME: [illegible]
YEARS: [illegible]
MONTH: [illegible]
CLASS: [illegible]
HOURS (L S T): [illegible]
CONDITION: [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]		[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	7.1
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE		[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]											[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	7.4

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	7.[illegible]
NE		[illegible]	[illegible]	[illegible]								1.[illegible]	[illegible]
ENE		[illegible]	1.1	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								7.1	[illegible]
ESE	[illegible]	1.1	[illegible]									1.	[illegible]
SE	[illegible]		[illegible]									[illegible]	[illegible]
SSE	[illegible]	1.1			[illegible]							[illegible]	[illegible]
S	[illegible]	[illegible]	1.	[illegible]	[illegible]							4.	[illegible]
SSW	[illegible]	1.1	[illegible]	[illegible]								3.	[illegible]
SW	[illegible]	1.1	1.1	[illegible]								3.	7.1
WSW	[illegible]	[illegible]	1.	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							14.[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	1.4							[illegible]	[illegible]
NNW	[illegible]	1.	[illegible]	[illegible]		[illegible]						11.[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	41.[illegible]	1[illegible].1	[illegible]	[illegible]						1[illegible].[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	1.[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								1.[illegible]	[illegible]
ENE	[illegible]	2.1	[illegible]									[illegible]	[illegible]
E	[illegible]	1.[illegible]	2.1	[illegible]								[illegible]	[illegible]
ESE		[illegible]	1.1									1.[illegible]	[illegible]
SE		[illegible]	[illegible]									1.[illegible]	[illegible]
SSE		[illegible]										[illegible]	[illegible]
S	[illegible]	1.[illegible]	1.[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	1.[illegible]	[illegible]	1.1		[illegible]						[illegible]	[illegible]
SW	[illegible]	[illegible]	2.[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							13.[illegible]	[illegible]
NW		[illegible]	[illegible]	[illegible]								11.[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	37.[illegible]	[illegible]	1.1	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]										[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]		[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]										[illegible]	[illegible]
S	[illegible]	[illegible]										[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

H
2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T)

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]										[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]		[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ENE		[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW		[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

E
2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE		[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE		[illegible]	[illegible]	[illegible]								4.5	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW		[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURS (L S T

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.6	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	1.[illegible]	[illegible]			[illegible]						2.[illegible]	7.3
NE	[illegible]	1.[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	1.	.3	[illegible]	[illegible]								[illegible].3	[illegible]
E	[illegible]	1.[illegible]	1.[illegible]	[illegible]	[illegible]							3.	7.1
ESE	[illegible]	2.6	1.[illegible]									[illegible]	[illegible]
SE	[illegible]	1.3	[illegible]									4.[illegible]	7.1
SSE	[illegible]	1.9	1.[illegible]									[illegible]	[illegible]
S	[illegible]	3.2	1.[illegible]	1.[illegible]								7.7	[illegible]
SSW	[illegible]	[illegible].3	1.[illegible]	[illegible]	[illegible]							[illegible]	7.[illegible]
SW	[illegible]	[illegible].2		[illegible]								[illegible]	[illegible]
WSW	[illegible]	1.[illegible]	1.[illegible]									[illegible]	[illegible].1
W	1.	[illegible]	[illegible]	[illegible]	[illegible].6							[illegible]	[illegible]
WNW	[illegible]	1.[illegible]	[illegible]	1.[illegible]	1.[illegible]							[illegible].7	[illegible].9
NW	[illegible]	[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]						[illegible]	[illegible].3
NNW	1.	[illegible]	[illegible]	1.[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: [illegible]

HOURS (L S T.): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: [illegible] HOURS (L.S.T.): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE		[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE		[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]					[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE		[illegible]										[illegible]	[illegible]
SSE		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE		[illegible]		[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE			[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNW		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (LST) _____

CONDITION _____

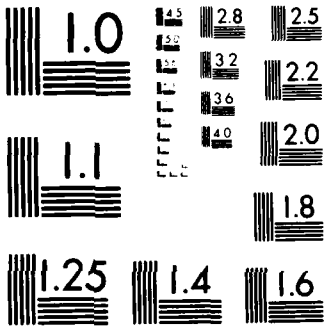
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

AD-A150 437 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 2/4
WILLOW GROVE PENNSYLVANIA(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC AUG 84

UNCLASSIFIED F/G 4/2 NL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: APR

CLASS: [illegible] HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]											[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L S T): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible]

STATION NAME: [illegible]

YEARS: [illegible]

MONTH: MAY

CLASS: [illegible]

HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]		[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]										[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH [illegible]

CLASS [illegible]

HOURS (L S T) [illegible]

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]										[illegible]	4.3
NE	[illegible]	[illegible]										[illegible]	4.9
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	5.8
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	4.7
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	4.3
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	5.5
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	4.3
WNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	4.7
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	3.5

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] | STATION NAME: [illegible] | YEARS: [illegible] | MONTH: MAY

CLASS: ALL WEATHER | HOURS (LST): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	1.[illegible]	1.[illegible]									[illegible]	[illegible]
NNE	[illegible]	1.[illegible]	1.[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	1.[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	1.[illegible]	1.[illegible]				[illegible]					[illegible]	[illegible]
ESE	[illegible]	1.[illegible]	1.[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	1.[illegible]	[illegible]									[illegible]	[illegible]
SSE	1.[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	1.[illegible]	1.[illegible]	1.[illegible]									[illegible]	[illegible]
SSW	[illegible]	1.[illegible]	1.[illegible]									[illegible]	6.1
SW	[illegible]	1.[illegible]	[illegible]									1.[illegible]	[illegible]
WSW		[illegible]	1.[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]									9.1	4.9
WNW	[illegible]	[illegible]	1.[illegible]	[illegible]								7.[illegible]	[illegible]
NW	[illegible]	[illegible]	1.[illegible]	1.[illegible]								7.1	7.[illegible]
NNW	[illegible]	[illegible]	1.[illegible]	1.[illegible]								[illegible]	6.7
VARBL													
CALM												17.[illegible]	
	1[illegible]	39.[illegible]	[illegible]	[illegible]			[illegible]					1[illegible]	4.7

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: MAY

CLASS: ALL WEATHER HOURS (L S T): 1[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	1.[illegible]	[illegible]	.6								7.1	7.6
NNE	1.[illegible]	1.[illegible]	[illegible]	.3								4.[illegible]	7.1
NE	1.[illegible]	1.[illegible]	1.[illegible]	.3								[illegible]	[illegible]
ENE	.[illegible]	1.[illegible]	1.[illegible]	.3								[illegible]	5.7
E	1.[illegible]	3.[illegible]	[illegible]	.6								[illegible]	[illegible]
ESE	1.[illegible]	1.[illegible]	[illegible]	.3								[illegible]	[illegible]
SE		1.[illegible]										1.[illegible]	5.7
SSE	.[illegible]	[illegible]	1.[illegible]	.3								[illegible]	[illegible]
S	1.[illegible]	.[illegible]	[illegible]	1.[illegible]								[illegible]	7.1
SSW	.[illegible]	1.[illegible]	[illegible]	.3		.[illegible]						4.5	[illegible]
SW		1.[illegible]	1.[illegible]	.3								3.[illegible]	7.1
WSW	1.[illegible]	1.[illegible]	1.[illegible]	.3								[illegible]	5.7
W	1.[illegible]	[illegible]	[illegible]	.3								11.[illegible]	[illegible]
WNW	1.[illegible]	[illegible]	1.[illegible]	1.[illegible]			.[illegible]					[illegible]	6.6
NW	1.[illegible]	1.[illegible]	4.[illegible]	1.[illegible]	.3							6.7	[illegible]
NNW	1.[illegible]	.[illegible]	1.[illegible]	1.[illegible]	.3							3.[illegible]	[illegible]
VARBL													
CALM												6.[illegible]	
	1[illegible].1	[illegible]	34.[illegible]	[illegible]	.6	.[illegible]	.3					1[illegible]0.[illegible]	5.4

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible]

STATION NAME: [illegible]

YEARS: [illegible]

MONTH: [illegible]

CLASS: [illegible]

HOURS (L S T): 1[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	[illegible]	[illegible]	1.[illegible]								[illegible].4	7.[illegible]
NNE	.[illegible]	[illegible].3	.6	.3								[illegible].[illegible]	5.8
NE		1.[illegible]	.[illegible]									1.6	[illegible].6
ENE	.[illegible]	1.[illegible]	1.	.3								3.[illegible]	6.3
E	1.[illegible]	2.9	2.[illegible]	.6								6.1	[illegible].3
ESE	.[illegible]	1.[illegible]	1.[illegible]									2.[illegible]	6.1
SE	.[illegible]	1.[illegible]	2.6	.6								4.5	[illegible].2
SSE	.[illegible]	1.[illegible]	1.[illegible]	.[illegible]								3.[illegible]	6.8
S	.[illegible]	2.3	2.3	1.[illegible]								5.[illegible]	7.7
SSW	1.	1.[illegible]	2.6	.3								5.[illegible]	7.[illegible]
SW	.[illegible]	1.[illegible]	3.[illegible]	.3								6.5	7.1
WSW	.[illegible]	2.[illegible]	[illegible].[illegible]									6.[illegible]	6.6
W	1.[illegible]	3.	6.1	.6								11.[illegible]	6.[illegible]
WNW	.[illegible]	2.9	[illegible].[illegible]	1.[illegible]	.3							[illegible].4	7.6
NW	.	.[illegible]	2.[illegible]	1.6	.6							6.[illegible]	10.1
NNW	.[illegible]	1.[illegible]	[illegible].[illegible]	1.6	.6							7.[illegible]	9.[illegible]
VARBL													
CALM												6.1	
	1[illegible].[illegible]	[illegible]1.3	4[illegible].[illegible]	1[illegible].[illegible]	1.6							1[illegible]0.[illegible]	6.9

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible]
STATION NAME: [illegible]
YEARS: [illegible]
MONTH: [illegible]
CLASS: [illegible]
HOURS (L S T.): 1[illegible]
CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.[illegible]	1.[illegible]	1.6	.3							5.[illegible]	[illegible].9
NNE	.[illegible]	1.3	1.[illegible]	.6								3.[illegible]	7.5
NE	.[illegible]	.[illegible]	1.[illegible]	.3								2.[illegible]	7.3
ENE	.[illegible]	.[illegible]	2.6	.3								[illegible]	7.[illegible]
E	1.[illegible]	1.4	1.4	1.[illegible]								5.[illegible]	6.6
ESE		1.[illegible]	[illegible].[illegible]	.6								5.[illegible]	7.4
SE	.[illegible]	.6	.8									1.6	[illegible].4
SSE	.	.4	1.[illegible]	1.[illegible]	.3							4.5	6.7
S	[illegible]	2.[illegible]	1.[illegible]	1.[illegible]								6.1	6.5
SSW	.	[illegible]	2.3	.6								7.1	6.[illegible]
SW	.[illegible]	2.3	[illegible]	.3								6.[illegible]	7.2
WSW	[illegible]	3.[illegible]	4.[illegible]	1.3								10.[illegible]	7.6
W	1.[illegible]	[illegible]	2.8	.3								10.[illegible]	5.8
WNW	.	[illegible]	2.[illegible]	1.6								7.4	7.8
NW	.[illegible]	1.[illegible]	3.[illegible]	3.[illegible]								9.4	7.6
NNW	[illegible]	1.[illegible]	1.[illegible]	.3	.6							4.5	[illegible].[illegible]
VARBL													
CALM												4.[illegible]	
	[illegible].7	31.[illegible]	38.7	14.5	1.3							1[illegible]0.[illegible]	7.2

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: MAY

CLASS: [illegible] HOURS (L S T): 1[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	1.[illegible]	1.[illegible]	.[illegible]								2.[illegible]	7.6
NNE	1.[illegible]	2.3	.[illegible]									3.[illegible]	4.6
NE		.[illegible]	1.[illegible]									1.[illegible]	7.8
ENE	.[illegible]	.3		.4								1.[illegible]	7.6
E	1.[illegible]	1.3	1.[illegible]	.3								[illegible]	[illegible].3
ESE	1.[illegible]	[illegible].2	1.[illegible]	.2								6.[illegible]	[illegible].6
SE	.[illegible]	1.[illegible]	[illegible].7									3.[illegible]	6.5
SSE	1.[illegible]	2.3	2.6									6.6	[illegible].5
S	.[illegible]	3.[illegible]	1.6	1.[illegible]								6.1	7.2
SSW	1.[illegible]	2.4	[illegible].[illegible]									7.7	6.[illegible]
SW	[illegible]	[illegible]	.4	.3								7.7	4.[illegible]
WSW	1.[illegible]	2.[illegible]	2.[illegible]	.3								7.1	5.[illegible]
W	[illegible].[illegible]	[illegible]	.6	.3								7.1	4.[illegible]
WNW	1.[illegible]	1.[illegible]	1.6		.[illegible]							4.5	5.1
NW	1.[illegible]	1.[illegible]	2.[illegible]									4.5	5.7
NNW	1.[illegible]	1.[illegible]	[illegible].[illegible]	1.3								7.[illegible]	6.[illegible]
VARBL													
CALM												1[illegible].[illegible]	
	[illegible]1.[illegible]	[illegible]1.[illegible]	27.1	4.[illegible]	.[illegible]							1[illegible]0.[illegible]	5.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: [illegible] HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.	[illegible]	1.								6.	7.[illegible]
NNE	1.	1.	1.									5.	5.8
NE	.	1.	.	.								1.	[illegible].7
ENE	1.	1.	.									2.	3.
E	1.	2.	.		.							5.	5.9
ESE	1.	2.	.	.								3.	3.2
SE	1.	1.	2.									5.	5.2
SSE	1.	3.	1.		.							6.	5.3
S	1.	2.	2.	.								7.1	5.
SSW	2.	3.	1.	.								8.	3.3
SW	3.	3.	1.									8.	4.6
WSW	.	1.	1.									7.	4.3
W	1.	2.	1.	.								6.	5.7
WNW	1.	1.	.									3.	4.3
NW	.	.	.	.								1.	7.3
NNW	.	1.		.		.						2.	7.7
VARBL													
CALM												16.	
	2[illegible].	31.	21.	4.	1.	.						100.	4.7

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: NOV

CLASS: ALL WEATHER HOURS (LST): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.[illegible]	2.1	.[illegible]	.[illegible]							[illegible]	7.0
NNE	1.[illegible]	1.[illegible]	1.1	.2								4.[illegible]	5.6
NE	.[illegible]	1.[illegible]	.[illegible]	.1								3.[illegible]	5.9
ENE	.[illegible]	1.2	.[illegible]	.4								[illegible]	6.2
E	1.[illegible]	2.4	1.7	.[illegible]	.1		.[illegible]					6.[illegible]	[illegible].1
ESE	1.1	1.[illegible]	1.[illegible]	.3								4.[illegible]	6.[illegible]
SE	.[illegible]	1.[illegible]	1.7	.1								3.1	6.[illegible]
SSE	1.[illegible]	1.[illegible]	1.[illegible]	.[illegible]	.1							4.4	6.1
S	1.[illegible]	[illegible]	1.7	.6	.[illegible]							5.6	6.3
SSW	1.[illegible]	2.3	1.[illegible]	.4		.[illegible]						6.[illegible]	[illegible]
SW	1.[illegible]	2.1	1.7	.7								5.6	5.7
WSW	1.[illegible]	2.3	[illegible]	.[illegible]								4.1	5.9
W	[illegible]	[illegible]	[illegible]	.[illegible]								[illegible]	[illegible].4
WNW	1.[illegible]	2.4	1.7	.[illegible]	.1		.[illegible]					4.1	[illegible]
NW	.[illegible]	1.[illegible]	2.1	1.[illegible]	.1							5.7	[illegible]
NNW	1.[illegible]	1.[illegible]	1.[illegible]	.[illegible]	.2	.[illegible]						[illegible]	7.2
VARBL													
CALM												1[illegible]	
	1[illegible]	31.[illegible]	25.[illegible]	7.[illegible]	.[illegible]	.1	.1					1[illegible]	5.2

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, N.C.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE		[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]										[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	1.[illegible]	.[illegible]	.[illegible]								[illegible].[illegible]	5.[illegible]
NNE	1.[illegible]	1.[illegible]										[illegible].[illegible]	[illegible].3
NE	1.[illegible]	1.[illegible]	.[illegible]									[illegible].[illegible]	4.6
ENE	.[illegible]	.[illegible]	1.[illegible]									[illegible].[illegible]	5.[illegible]
E	.[illegible]	1.[illegible]	.[illegible]									[illegible].[illegible]	[illegible].[illegible]
ESE	.[illegible]	1.[illegible]	.[illegible]									1.[illegible]	[illegible].4
SE	1.[illegible]	1.[illegible]										[illegible].[illegible]	4.[illegible]
SSE	1.[illegible]	[illegible].[illegible]										[illegible].[illegible]	4.1
S	.[illegible]	1.[illegible]	1.[illegible]	.[illegible]								4.[illegible]	[illegible].5
SSW	1.[illegible]	[illegible].[illegible]	1.[illegible]	.[illegible]								6.[illegible]	[illegible]
SW	.[illegible]	[illegible].[illegible]										[illegible].[illegible]	4.3
WSW	[illegible].[illegible]	[illegible].[illegible]	.[illegible]	.[illegible]								5.[illegible]	4.5
W	[illegible].[illegible]	[illegible].[illegible]	.[illegible]									7.[illegible]	4.1
WNW	[illegible].[illegible]	[illegible].[illegible]	1.[illegible]									7.[illegible]	4.3
NW	1.[illegible]	[illegible].[illegible]	.[illegible]									4.[illegible]	4.[illegible]
NNW	1.[illegible]	1.[illegible]	.[illegible]									[illegible].[illegible]	4.[illegible]
VARBL													
CALM												[illegible].[illegible]	
	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	1.[illegible]								[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: [illegible]

HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]										[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									4.3	4.7
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S		[illegible]	[illegible]									4.7	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									4.7	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								10.7	5.7
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: J[illegible]

CLASS: [illegible] HOURS (L S T): 1[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	1.[illegible]	[illegible]	•								4.[illegible]	[illegible]
NNE		1.[illegible]	•									1.[illegible]	[illegible]
NE		•	•									1.[illegible]	6.[illegible]
ENE	1.	1.[illegible]	[illegible]									5.[illegible]	[illegible]
E	1.	1.[illegible]	[illegible]									4.[illegible]	6.[illegible]
ESE	•		[illegible]									2.	7.1
SE		[illegible]	1.									2.[illegible]	[illegible]
SSE	•	[illegible]	1.									3.[illegible]	5.6
S	1.	[illegible]	[illegible]	1.[illegible]								7.7	[illegible]
SSW		1.	[illegible]	•								5.[illegible]	7.7
SW	•	[illegible]	[illegible]	•								[illegible].7	6.[illegible]
WSW	1.	[illegible]	4.[illegible]	•								1[illegible].[illegible]	[illegible]
W	1.	[illegible]	[illegible]	1.								1[illegible].[illegible]	7.1
WNW	1.	[illegible]	[illegible]	1.[illegible]								11.[illegible]	7.[illegible]
NW	1.	[illegible]	1.[illegible]	[illegible]	•							7.[illegible]	[illegible]
NNW	•	[illegible]	1.[illegible]	1.[illegible]	•							7.[illegible]	7.4
VARBL													
CALM												7.	
	11.[illegible]	[illegible]	3[illegible].[illegible]	.7	.7							1[illegible].[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: [illegible] HOURS (LST): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE		[illegible]		[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE		[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: [illegible] HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE		[illegible]		[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]										[illegible]	[illegible]
ENE		[illegible]		[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: [illegible]

HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]										[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: J[illegible]

CLASS: ALL WEATHER HOURS (LST): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	4.7
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	5.7
E	[illegible]	[illegible]	[illegible]									4.[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								4.[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								7.[illegible]	5.7
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	5.7
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								7.[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	4.[illegible]	[illegible]	[illegible]						[illegible]	4.7

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH [illegible]

CLASS [illegible]

CONDITION

HOURS (LST) [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]										[illegible]	[illegible]
ENE	[illegible]		[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE		[illegible]										[illegible]	[illegible]
SE		[illegible]										[illegible]	[illegible]
SSE	[illegible]	[illegible]										[illegible]	[illegible]
S	[illegible]	[illegible]										[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: [illegible] HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]										[illegible]	[illegible]
NNE	[illegible]	1.[illegible]										1.[illegible]	4.[illegible]
NE	[illegible]											1.[illegible]	2.[illegible]
ENE	[illegible]	[illegible]	[illegible]									1.[illegible]	[illegible].7
E	[illegible]	[illegible]	[illegible]									[illegible]	4.[illegible]
ESE		[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]										1.[illegible]	3.[illegible]
SSE	[illegible]	[illegible]	[illegible]									1.[illegible]	4.2
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible].2
SSW	[illegible]	[illegible]		[illegible]								4.[illegible]	4.3
SW	[illegible]	[illegible]	[illegible]	[illegible]								3.[illegible]	4.[illegible]
WSW	[illegible]	[illegible]	[illegible]									7.7	4.[illegible]
W	[illegible]	[illegible]	[illegible]									[illegible].7	[illegible]
WNW	[illegible]	[illegible]										4.[illegible]	4.1
NW	[illegible]	[illegible]	[illegible]									[illegible].1	4.1
NNW	[illegible]	[illegible]	[illegible]									4.	[illegible].9
VARBL													
CALM												[illegible]1.[illegible]	
	[illegible]	[illegible].1	[illegible]	[illegible]								1[illegible]	2.4

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: [illegible] HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]										[illegible]	[illegible]
ENE	[illegible]	[illegible]										[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	4.1
ESE	[illegible]											[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]										[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]										[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE		[illegible]										[illegible]	[illegible]
E		[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE			[illegible]									[illegible]	[illegible]
SSE	[illegible]		[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH [illegible]

CLASS [illegible] HOURS (L S T [illegible]

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]											[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]											[illegible]	[illegible]
E		[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]										[illegible]	[illegible]
SE		[illegible]	[illegible]									[illegible]	[illegible]
SSE		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]										[illegible]	[illegible]
NE		[illegible]										[illegible]	[illegible]
ENE	[illegible]											[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]										[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WNW	[illegible]	[illegible]										[illegible]	[illegible]
NW	[illegible]	[illegible]										[illegible]	[illegible]
NNW	[illegible]	[illegible]										[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: [illegible] HOURS (LST): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible]

STATION NAME: [illegible]

YEARS: [illegible]

MONTH: [illegible]

CLASS: ALL [illegible]

HOURS (LST): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]										[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE		[illegible]										[illegible]	[illegible]
SE	[illegible]	[illegible]										[illegible]	[illegible]
SSE	[illegible]	[illegible]										[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]										[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNW	[illegible]	[illegible]										[illegible]	[illegible]
VARBL												[illegible]	
CALM													
	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]										[illegible]	[illegible]
NE	[illegible]	[illegible]										[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]										[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WNW	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]										[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: [illegible] HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]											[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]										[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

E
2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible]
STATION NAME: [illegible]
YEARS: [illegible]
MONTH: [illegible]
CLASS: [illegible]
HOURS (L S T): [illegible]
CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible]

STATION NAME: [illegible]

YEARS: [illegible]

MONTH: [illegible]

CLASS: [illegible]

HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

E
2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]											[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE		[illegible]		[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH [illegible]

CLASS [illegible] HOURS (L S T) [illegible]

CONDITION [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]		[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]										[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]										[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NW	[illegible]	[illegible]										[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]											[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]										[illegible]	[illegible]
SE	[illegible]	[illegible]										[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]										[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNW	[illegible]	[illegible]										[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]										[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE		[illegible]										[illegible]	[illegible]
S	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE		[illegible]										[illegible]	[illegible]
SE	[illegible]											[illegible]	[illegible]
SSE	[illegible]	[illegible]										[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]										[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: [illegible] HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH [illegible]

CLASS [illegible] HOURS (LST) [illegible]

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]										[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

E
2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: [illegible] HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]										[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL WEATHER HOURS (L S T.): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.[illegible]	1.									[illegible]	[illegible]
NNE	1.	1.[illegible]	1.									[illegible]	4.7
NE		1.	1.									[illegible]	[illegible]
ENE	.[illegible]	1.[illegible]	1.	.[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	.[illegible]	.[illegible]								4.[illegible]	[illegible]
ESE	.[illegible]	1.[illegible]	.[illegible]									[illegible]	[illegible]
SE	1.[illegible]	1.[illegible]										[illegible]	[illegible]
SSE	[illegible]	[illegible]	1.	.[illegible]								5.[illegible]	[illegible]
S	1.[illegible]	[illegible]	1.									6.[illegible]	4.7
SSW	[illegible]	1.[illegible]	.[illegible]									[illegible]	[illegible]
SW	1.[illegible]	[illegible]	1.[illegible]	.[illegible]								[illegible]	[illegible]
WSW	[illegible]	1.[illegible]	1.[illegible]	.[illegible]								[illegible]	[illegible]
W	[illegible]	2.[illegible]	.[illegible]									[illegible]	[illegible]
WNW	1.[illegible]	[illegible]	.[illegible]		.[illegible]							[illegible]	5.3
NW	[illegible]	1.[illegible]	1.[illegible]									[illegible]	5.7
NNW	1.[illegible]	1.[illegible]	.[illegible]									[illegible]	4.7
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	.[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: SEP

CLASS: ALL STATIONS HOURS (LST): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURS (L S T

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]										[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE		[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]										[illegible]	[illegible]
SSE	[illegible]	[illegible]										[illegible]	[illegible]
S	[illegible]	[illegible]										[illegible]	[illegible]
SSW	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH [illegible]

CLASS [illegible] HOURS (L S T [illegible]

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE													
SE	[illegible]	[illegible]										[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]										[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH [illegible]

CLASS [illegible] HOURS (L S T [illegible]

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]										[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]										[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]		[illegible]									[illegible]	[illegible]
SE	[illegible]		[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]										[illegible]	[illegible]
S	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

H 2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, N.C.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE		[illegible]	[illegible]									[illegible]	[illegible]
SE		[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW		[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURS (L S T

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]		[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

H
2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible]

STATION NAME: [illegible]

YEARS: [illegible]

MONTH: [illegible]

CLASS: [illegible]

HOURS (L S T): ALL

CONDITION: [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]										[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]										[illegible]	[illegible]
SE	[illegible]	[illegible]										[illegible]	[illegible]
SSE	[illegible]											[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]											[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]										[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

E
2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: [illegible]

HOURS (L S T.): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE		[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]										[illegible]	[illegible]
SE	[illegible]	[illegible]										[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL [illegible]

HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE		[illegible]	[illegible]									4.3	[illegible]
NE		[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]		[illegible]							7.	[illegible]
ESE		[illegible]										[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									1.7	[illegible]
SSE		[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW		[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: [illegible] HOURS (L S T): 17

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE		[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW		[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: [illegible] HOURS (LST): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]										[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE		[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]		[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]										[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH [illegible]

CLASS [illegible] HOURS (L S T) [illegible]

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]										[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]										[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE		[illegible]	[illegible]									[illegible]	[illegible]
SE		[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]										[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]										[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T) ALL

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE		[illegible]										[illegible]	[illegible]
SE	[illegible]		[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

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2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURS (L S T

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]		[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]										[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]		[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE		[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

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2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION

STATION NAME

YEARS

MONTH 1

CLASS

HOURS (L S T

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]
ESE	[illegible]	[illegible]										[illegible]	[illegible]
SE				[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW		[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	7.4

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: [illegible] HOURS (LST): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE		[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						11 [illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]			[illegible]							[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE		[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]		[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: [illegible] HOURS (L S T): [illegible]

CONDITION: [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]			[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]
E	[illegible]	[illegible]			[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

CLASS: ALL HOURS (L S T): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	7.9
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

E
2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: ALL

CLASS: ALL WEATHER HOURS (LST): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	5.7
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: ALL

CLASS: [illegible] HOURS (LST): ALL

CONDITION: [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NOCD, Federal Building

Asheville, N. C.

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By Month - all years and all hours combined
3. By Month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

Beginning in July 1948 for Air Force stations and January 1949 for NWS and U.S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
> 1800 ≥ 1500					91.0											92.6
> 1200 ≥ 1000																
> 900 ≥ 800																
> 700 > 600																
> 500 ≥ 400										97.4						98.1
> 300 ≥ 200																
> 100 ≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0. For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

PART D

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

PART D

SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.

2. By month - by standard 3-hour groups.

NOTE: #1: Sky cover (total cloud amount) was not reported by U.S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: #2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

NOTE: #3: Beginning in 1981 the symbols of Clear, Scattered, Broken, Overcast, and Obscured were used as input for the Total Sky Cover. Following are the conversions:

Clear converted to 0/10
Scattered converted to 3/10
Broken converted to 9/10
Overcast converted to 10/10
Obscured converted to 10/10

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1600																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, N.C.

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 60																
≥ 500																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
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≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
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≥ 2000																
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≥ 900																
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≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000																
≥ 18000 ≥ 16000																
≥ 14000 ≥ 12000																
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000																
≥ 4500 ≥ 4000																
≥ 3500 ≥ 3000																
≥ 2500 ≥ 2000																
≥ 1800 ≥ 1500																
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400																
≥ 300 ≥ 200																
≥ 100 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
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≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
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≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
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≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIR NAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
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≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
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≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
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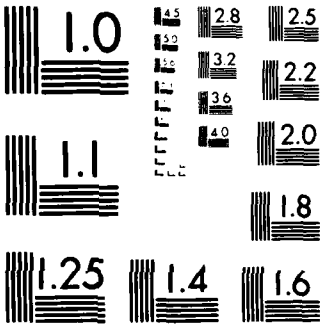
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

AD-A150 437 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 3/4
WILLOW GROVE PENNSYLVANIA(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC AUG 84

UNCLASSIFIED F/G 4/2 NL



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

HOURS (L S T) [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	61.4	1.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	62.4	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	63.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	63.1	63.1	[illegible]
≥ 16000	[illegible]	[illegible]	62.1	62.4	[illegible]	[illegible]	63.1	63.1	[illegible]	63.1	[illegible]	63.1	63.1	63.1	63.1	63.1
≥ 14000	[illegible]	[illegible]	[illegible]	63.8	63.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	63.5	63.5	[illegible]
≥ 12000	[illegible]	62.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64.5	64.5	64.5	[illegible]
≥ 10000	[illegible]	[illegible]	65.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66.3	66.3	66.3	66.3	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66.7	66.7	[illegible]	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	[illegible]	67.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	71.[illegible]	71.3	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	[illegible]
≥ 4500	[illegible]	72.[illegible]	[illegible]	74.1	[illegible]	[illegible]	74.8	74.8	74.8	74.[illegible]	74.[illegible]	74.[illegible]	[illegible]	74.[illegible]	74.[illegible]	74.[illegible]
≥ 4000	[illegible]	75.4	[illegible]	[illegible]	[illegible]	[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]
≥ 3500	[illegible]	74.1	[illegible]	[illegible]	77.[illegible]	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 3000	[illegible]	74.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	75.[illegible]	77.7	[illegible]	[illegible]	[illegible]	[illegible]	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2000	[illegible]	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0	[illegible]	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

HOURS (LST) ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	51.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	55.7	57.[illegible]	57.[illegible]	57.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	57.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	57.1	57.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	56.4	57.[illegible]	[illegible]	[illegible]	[illegible]	59.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	57.[illegible]	[illegible]	[illegible]	59.4	59.5	59.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	59.7	[illegible]	59.7	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	61.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	61.[illegible]	62.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	67.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.3
≥ 4500	[illegible]	[illegible]	[illegible]	71.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	71.1	[illegible]	74.3	[illegible]	75.4	75.6	[illegible]	75.6	[illegible]	[illegible]	75.7	[illegible]	[illegible]	[illegible]	75.9
≥ 3500	[illegible]	[illegible]	74.[illegible]	[illegible]	[illegible]	[illegible]	77.3	77.3	77.3	[illegible]	77.4	77.4	77.4	77.5	77.5	[illegible]
≥ 3000	[illegible]	74.6	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	76.5	79.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	76.6	79.5	[illegible]	[illegible]	[illegible]	84.4	[illegible]	[illegible]	[illegible]	84.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	76.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	77.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible]
STATION NAME [illegible]
YEARS [illegible]
MONTH [illegible]
HOURS (L.S.T.) [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53.2	53.2	[illegible]	53.2	53.2	53.2
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53.2	[illegible]	[illegible]	[illegible]	53.2	53.2	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53.2	[illegible]	[illegible]	[illegible]	53.2	53.2	53.2
≥ 14000	[illegible]	[illegible]	[illegible]	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 12000	[illegible]	[illegible]	54.7	55.2	55.2	55.2	55.2	55.2	55.2	[illegible]	55.2	55.2	55.2	55.2	55.2	[illegible]
≥ 10000	[illegible]	57.7	57.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.3	60.3	60.3	[illegible]	60.3	60.3
≥ 9000	[illegible]	57.7	57.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.3	60.3	60.3	[illegible]	60.3	60.3
≥ 8000	[illegible]	[illegible]	[illegible]	64.6	64.6	64.6	64.6	64.6	64.6	64.6	65.2	65.2	65.2	65.2	65.2	65.5
≥ 7000	57.4	64.5	[illegible]	66.8	[illegible]	[illegible]	[illegible]	66.8	[illegible]	66.8	67.1	67.1	67.1	67.1	67.1	67.4
≥ 6000	57.4	65.4	66.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.4	68.4	68.4	68.4	68.4	69.0
≥ 5000	[illegible]	69.4	[illegible]	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.3	72.3	72.3	72.3	72.3	72.9
≥ 4500	[illegible]	70.7	71.9	73.6	[illegible]	73.[illegible]	[illegible]	[illegible]	[illegible]	73.5	73.9	73.9	73.9	73.9	73.9	74.5
≥ 4000	[illegible]	71.9	73.2	74.8	[illegible]	75.[illegible]	75.5	75.[illegible]	75.5	75.5	75.8	[illegible]	75.8	75.[illegible]	75.9	[illegible]
≥ 3500	[illegible]	72.9	74.7	75.1	76.[illegible]	76.[illegible]	76.8	76.[illegible]	76.8	76.[illegible]	77.1	77.1	77.1	77.1	77.1	77.7
≥ 3000	[illegible]	74.2	75.5	77.4	78.4	78.4	78.4	78.4	78.4	78.4	78.7	78.7	78.7	78.7	78.7	79.4
≥ 2500	[illegible]	75.[illegible]	77.4	79.7	81.[illegible]	81.3	81.3	81.3	81.3	81.3	81.6	81.6	81.6	81.6	81.6	82.3
≥ 2000	[illegible]	77.7	79.4	81.9	83.[illegible]	83.6	83.6	83.6	83.6	83.6	83.9	83.9	83.9	83.9	83.9	84.5
≥ 1800	[illegible]	78.1	79.7	82.3	83.6	83.9	83.9	83.9	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.8
≥ 1500	[illegible]	79.4	81.[illegible]	83.6	85.2	85.5	85.5	85.5	85.[illegible]	85.5	85.8	85.8	85.8	85.8	85.8	86.5
≥ 1200	[illegible]	[illegible]	81.9	84.5	86.1	86.5	86.5	86.5	86.5	86.5	86.8	86.8	86.8	86.8	86.8	87.4
≥ 1000	[illegible]	[illegible]	82.6	85.2	87.1	87.4	87.4	87.7	87.7	88.1	88.4	88.4	88.4	88.4	88.4	89.0
≥ 900	[illegible]	[illegible]	82.6	85.2	87.1	87.4	87.4	87.7	87.7	88.1	88.4	88.4	88.4	88.4	88.4	89.0
≥ 800	[illegible]	[illegible]	82.9	85.5	87.4	87.7	87.7	88.1	88.1	88.4	88.7	88.7	88.7	88.7	88.7	89.4
≥ 700	[illegible]	[illegible]	82.9	85.5	87.4	87.7	87.7	88.1	88.1	88.4	88.7	88.7	88.7	88.7	88.7	89.4
≥ 600	[illegible]	[illegible]	83.6	86.5	88.4	89.[illegible]	89.[illegible]	89.4	89.4	89.7	90.[illegible]	90.[illegible]	90.[illegible]	90.[illegible]	90.[illegible]	90.7
≥ 500	[illegible]	[illegible]	83.9	87.1	89.[illegible]	89.7	[illegible]	89.7	89.7	91.0	91.3	91.3	91.3	91.3	91.3	91.9
≥ 400	[illegible]	[illegible]	83.9	87.1	89.4	90.[illegible]	91.0	91.[illegible]	91.6	92.3	92.6	92.6	92.6	92.6	92.6	93.2
≥ 300	[illegible]	[illegible]	83.9	87.1	89.4	90.[illegible]	91.3	91.9	91.[illegible]	92.9	93.6	93.6	93.6	93.6	93.6	94.[illegible]
≥ 200	[illegible]	[illegible]	83.9	87.1	89.4	90.[illegible]	91.6	92.6	92.9	93.9	94.5	94.5	94.5	94.5	94.5	95.[illegible]
≥ 100	[illegible]	[illegible]	83.9	87.1	89.4	90.3	91.[illegible]	92.9	92.9	93.9	94.[illegible]	94.[illegible]	96.1	96.1	96.5	97.7
≥ 0	[illegible]	[illegible]	83.9	87.1	89.4	[illegible]	91.6	92.9	92.9	93.9	94.[illegible]	94.[illegible]	96.1	96.1	96.[illegible]	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH [illegible] HOURS (L S T) [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	44.2	44.5	44.8	47.6	[illegible]	47.[illegible]	[illegible]	[illegible]	[illegible]	47.1	48.1	48.1	48.1	48.1	48.1
≥ 20000	51.[illegible]	49.4	49.7	50.0	50.7	51.0	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 18000	51.[illegible]	49.4	49.7	50.3	50.7	51.0	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 16000	51.[illegible]	49.4	49.7	50.0	50.7	51.[illegible]	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 14000	51.[illegible]	49.4	49.7	50.0	50.7	51.0	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 12000	51.[illegible]	50.7	51.0	51.3	51.9	52.3	52.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 10000	57.[illegible]	54.2	54.5	55.2	55.8	56.1	56.3	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 9000	57.2	55.2	55.5	56.1	56.8	57.1	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 8000	61.[illegible]	59.4	60.7	61.3	61.9	62.3	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 7000	65.[illegible]	59.7	61.0	62.3	63.2	63.6	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 6000	[illegible]	[illegible]	61.9	63.2	64.2	64.5	64.8	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.8
≥ 5000	[illegible]	[illegible]	65.8	67.4	68.4	68.7	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	70.0
≥ 4500	[illegible]	[illegible]	67.1	69.4	70.0	70.7	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.9
≥ 4000	[illegible]	69.4	71.3	73.6	74.6	74.9	75.2	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	76.1
≥ 3500	[illegible]	70.0	72.6	74.8	75.[illegible]	76.1	76.3	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.4
≥ 3000	[illegible]	71.9	74.8	76.9	78.1	78.4	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.7
≥ 2500	[illegible]	73.2	76.1	78.4	79.7	80.0	80.3	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3
≥ 2000	[illegible]	74.2	77.7	80.0	81.3	81.6	82.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.2
≥ 1800	[illegible]	74.9	77.4	80.7	81.9	82.3	82.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.9
≥ 1500	[illegible]	75.9	79.7	81.9	83.2	83.6	84.2	84.8	84.8	84.8	85.2	85.2	85.5	85.5	85.5	85.8
≥ 1200	[illegible]	76.8	81.0	83.2	84.8	85.2	85.9	86.5	86.5	86.5	86.9	86.9	87.1	87.1	87.1	87.4
≥ 1000	[illegible]	77.4	81.6	84.2	85.8	86.1	86.8	87.4	87.4	87.4	87.7	87.7	88.1	88.1	88.1	88.4
≥ 900	[illegible]	77.4	81.6	84.2	85.8	86.1	86.8	87.4	87.4	87.4	87.7	87.7	88.1	88.1	88.1	88.4
≥ 800	[illegible]	79.1	82.3	84.8	86.3	87.1	87.7	88.4	88.4	88.4	88.7	88.7	89.0	89.0	89.0	89.4
≥ 700	[illegible]	79.1	82.3	86.2	87.1	87.4	88.1	88.7	88.7	88.7	89.4	89.4	90.0	90.0	90.0	90.3
≥ 600	[illegible]	78.4	82.6	85.5	87.4	87.7	88.4	89.0	89.0	89.0	90.0	90.0	90.7	90.7	90.7	91.0
≥ 500	[illegible]	79.4	82.6	86.1	88.4	89.0	90.0	91.0	91.0	91.0	91.9	92.3	92.9	92.9	92.9	93.2
≥ 400	[illegible]	78.7	82.9	86.5	88.7	89.4	[illegible]	91.6	91.6	91.6	92.6	92.9	93.6	93.6	93.6	93.9
≥ 300	[illegible]	78.7	82.9	86.5	88.7	89.4	91.3	92.6	92.6	92.9	94.2	94.5	95.5	95.5	95.5	95.8
≥ 200	[illegible]	78.7	82.9	86.5	88.7	89.4	91.9	93.2	93.2	93.6	94.2	95.2	96.5	96.5	96.5	96.8
≥ 100	[illegible]	78.7	82.9	86.5	88.7	89.4	91.9	93.2	93.2	93.9	95.5	95.8	97.4	97.4	97.7	98.4
≥ 0	[illegible]	78.7	82.9	86.5	88.7	89.4	91.9	93.2	93.2	93.9	95.5	95.8	97.4	97.4	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) [illegible]

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	44.4	44.5	[illegible]	44.4	[illegible]	[illegible]	[illegible]	[illegible]	44.8	[illegible]
≥ 20000	[illegible]	42.2	47.1	[illegible]	[illegible]	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	[illegible]
≥ 18000	[illegible]	45.2	47.1	[illegible]	[illegible]	[illegible]	49.7	49.7	49.7	[illegible]	[illegible]	49.7	[illegible]	[illegible]	49.7	[illegible]
≥ 16000	[illegible]	45.2	47.1	[illegible]	[illegible]	49.7	49.7	[illegible]	[illegible]	[illegible]	[illegible]	49.7	[illegible]	[illegible]	49.7	[illegible]
≥ 14000	17.4	46.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	17.4	[illegible]	[illegible]	49.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51.9
≥ 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	56.1	[illegible]	[illegible]	[illegible]	57.1	57.1	57.1	57.1	57.1	57.1	57.4
≥ 9000	[illegible]	[illegible]	54.2	[illegible]	[illegible]	57.1	57.4	57.7	57.7	[illegible]	[illegible]	58.1	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	62.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	63.2	63.6
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	65.8	[illegible]	65.9	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.4	67.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	67.7	69.4	69.7	[illegible]	[illegible]	[illegible]	[illegible]	71.0	71.0	[illegible]	[illegible]	71.3
≥ 4500	[illegible]	[illegible]	[illegible]	68.1	[illegible]	[illegible]	71.3	71.6	[illegible]	[illegible]	72.9	72.9	[illegible]	[illegible]	72.9	73.2
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74.2	74.5	[illegible]	[illegible]	[illegible]	76.1	76.1	[illegible]	[illegible]	76.1	76.5
≥ 3500	[illegible]	[illegible]	[illegible]	72.3	[illegible]	[illegible]	[illegible]	76.1	[illegible]	77.1	77.4	77.4	77.4	77.4	77.4	77.7
≥ 3000	[illegible]	67.1	71.9	73.2	75.2	[illegible]	77.1	77.4	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.4
≥ 2500	[illegible]	[illegible]	73.2	74.5	[illegible]	78.1	78.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	77.1	78.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.3
≥ 1800	[illegible]	[illegible]	74.2	75.5	77.4	[illegible]	79.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.3	81.6
≥ 1500	[illegible]	[illegible]	74.2	75.3	[illegible]	79.7	[illegible]	[illegible]	[illegible]	[illegible]	82.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	76.8	[illegible]	[illegible]	81.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	83.9	[illegible]
≥ 1000	[illegible]	69.4	[illegible]	77.7	[illegible]	82.6	83.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85.5	[illegible]	[illegible]
≥ 900	[illegible]	69.4	[illegible]	[illegible]	[illegible]	[illegible]	83.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	77.1	[illegible]	[illegible]	[illegible]	84.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	86.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	87.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.6	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.9	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	83.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96.1	96.5	97.4
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96.1	[illegible]	98.4
≥ 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION　　STATION NAME　　YEARS　　MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) 10

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17.1	42.1	43.9	44.2	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 20000	17.1	49.4	50.7	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 18000	17.1	49.4	51.0	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 16000	17.1	49.4	51.0	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 14000	19.7	51.3	52.9	53.2	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 12000	19.7	52.3	53.9	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 10000	20.2	54.1	57.4	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 9000	20.2	54.1	57.4	58.7	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 8000	21.0	59.0	61.9	63.2	63.4	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 7000	21.2	59.4	61.3	63.7	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 6000	21.7	60.7	63.2	64.6	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 5000	21.9	61.9	64.9	66.5	66.8	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 4500	21.9	62.6	65.5	67.1	67.4	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 4000	21.9	65.2	68.7	70.3	70.7	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3500	22.9	66.3	70.7	72.3	72.6	72.6	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3000	23.3	70.3	74.0	75.1	76.5	76.8	77.4	77.4	77.4	77.4	77.7	77.7	77.7	77.7	77.7	77.7
≥ 2500	23.3	71.9	74.1	77.7	77.9	79.7	80.3	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2000	23.3	72.9	77.4	80.3	81.3	81.9	82.9	83.2	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1800	23.3	72.9	77.4	80.3	81.7	81.9	82.9	83.2	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1500	23.3	73.2	78.1	81.3	82.3	82.9	83.9	84.2	84.5	84.5	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1200	23.3	73.2	78.4	81.6	82.9	83.6	84.5	84.5	[illegible]	[illegible]	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1000	23.3	73.6	78.7	82.3	84.2	84.9	86.1	[illegible]	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4
≥ 900	[illegible]	74.2	78.7	82.9	85.2	85.9	87.1	87.4	88.1	88.1	88.4	88.4	88.4	88.4	88.4	88.4
≥ 800	[illegible]	74.2	78.7	82.9	85.2	86.1	87.7	88.4	89.0	89.4	90.0	90.0	90.0	90.0	90.3	90.3
≥ 700	23.3	74.2	78.7	82.9	85.9	86.9	88.4	89.0	89.7	90.0	90.7	90.7	90.7	90.7	91.0	91.0
≥ 600	23.3	74.2	78.7	82.9	86.2	87.7	89.7	90.3	91.0	91.3	91.9	91.9	91.9	91.9	92.3	92.3
≥ 500	23.3	74.2	78.7	82.9	86.9	88.7	89.7	91.6	92.0	92.6	93.9	93.9	93.9	93.9	94.2	94.2
≥ 400	23.6	74.2	78.7	82.9	87.1	89.0	91.0	91.4	92.6	92.9	94.5	94.5	94.5	94.3	94.3	94.6
≥ 300	23.6	74.2	78.7	82.9	87.1	89.4	91.3	92.3	93.0	93.6	95.5	95.5	95.9	95.9	96.1	96.1
≥ 200	23.6	74.2	78.7	82.9	87.1	89.4	91.6	92.3	93.2	94.5	97.1	97.4	97.7	97.7	98.1	98.1
≥ 100	23.6	74.2	78.7	82.9	87.1	89.4	91.6	92.3	93.7	94.5	97.4	97.7	98.7	98.7	99.4	100.0
≥ 0	23.6	74.2	78.7	82.9	87.1	89.4	91.6	92.3	93.7	94.5	97.4	97.7	98.7	98.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET　　SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) 13

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 20000	[illegible]	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47.4	[illegible]	[illegible]	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49.7	[illegible]	[illegible]	49.7	[illegible]	49.7	49.7	49.7	49.7	49.7
≥ 14000	[illegible]	49.7	[illegible]	[illegible]	[illegible]	[illegible]	50.7	[illegible]	[illegible]	[illegible]	50.7	[illegible]	[illegible]	50.7	50.7	[illegible]
≥ 12000	[illegible]	51.3	52.3	[illegible]	[illegible]	[illegible]	52.3	[illegible]	[illegible]	52.3	52.3	[illegible]	[illegible]	[illegible]	52.3	52.3
≥ 10000	[illegible]	[illegible]	[illegible]	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 9000	[illegible]	[illegible]	[illegible]	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 8000	[illegible]	56.5	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	58.4	[illegible]	[illegible]	58.4	58.4	[illegible]	[illegible]	58.4	58.4	[illegible]
≥ 6000	[illegible]	[illegible]	59.4	59.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.0	[illegible]	[illegible]	[illegible]	60.0	[illegible]
≥ 5000	[illegible]	59.4	[illegible]	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 4500	[illegible]	[illegible]	61.9	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 4000	[illegible]	[illegible]	[illegible]	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 3500	[illegible]	67.1	[illegible]	69.4	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 3000	[illegible]	71.9	[illegible]	75.2	[illegible]	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 2500	[illegible]	73.9	76.1	77.1	77.4	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 2000	[illegible]	[illegible]	77.1	[illegible]	79.4	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1800	[illegible]	[illegible]	77.1	[illegible]	[illegible]	[illegible]	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 1500	[illegible]	76.1	[illegible]	[illegible]	80.7	[illegible]	82.9	82.9	[illegible]	82.9	82.9	[illegible]	82.9	82.9	82.9	82.9
≥ 1200	[illegible]	76.9	[illegible]	80.7	81.9	[illegible]	84.2	84.2	[illegible]	[illegible]	[illegible]	[illegible]	84.2	[illegible]	84.2	84.2
≥ 1000	[illegible]	77.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 900	[illegible]	77.7	[illegible]	[illegible]	[illegible]	[illegible]	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 800	[illegible]	78.1	[illegible]	83.2	[illegible]	[illegible]	87.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	88.4	88.4	88.4
≥ 700	[illegible]	[illegible]	[illegible]	83.2	[illegible]	87.1	[illegible]	[illegible]	[illegible]	89.4	89.4	[illegible]	89.4	89.4	89.4	89.4
≥ 600	[illegible]	[illegible]	81.6	84.2	[illegible]	88.4	[illegible]	[illegible]	[illegible]	91.0	[illegible]	[illegible]	91.0	[illegible]	91.0	91.3
≥ 500	[illegible]	[illegible]	81.6	84.2	87.1	89.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.5	94.8	[illegible]	94.8	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	84.2	87.1	89.7	[illegible]	[illegible]	[illegible]	94.5	[illegible]	[illegible]	[illegible]	[illegible]	96.5	[illegible]
≥ 300	[illegible]	78.4	81.6	84.2	87.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.1	97.1	97.7	98.1	98.1	[illegible]
≥ 200	[illegible]	[illegible]	81.6	84.2	87.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.4	97.4	98.4	[illegible]	98.7	[illegible]
≥ 100	[illegible]	78.4	81.6	84.2	87.1	[illegible]	[illegible]	[illegible]	[illegible]	96.1	[illegible]	97.7	97.7	[illegible]	[illegible]	99.4
≥ 0	[illegible]	[illegible]	81.6	[illegible]	87.1	[illegible]	[illegible]	[illegible]	[illegible]	96.1	[illegible]	97.7	[illegible]	[illegible]	99.4	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) 1[illegible]

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	1[illegible]	41.6	4[illegible]	4[illegible]	4[illegible]	[illegible]	[illegible]	[illegible]	4[illegible]	4[illegible]	4[illegible]	4[illegible]	4[illegible]	4[illegible]	4[illegible]	4[illegible]
≥ 20000	17.[illegible]	47.7	4[illegible].7	4[illegible].4	5[illegible].7	4[illegible].7	5[illegible].7	4[illegible].7	4[illegible].7	4[illegible].7	4[illegible].7	4[illegible].7	4[illegible].7	4[illegible].7	4[illegible].7	4[illegible].7
≥ 18000	17.[illegible]	47.7	4[illegible].7	4[illegible].4	4[illegible].7	4[illegible].7	4[illegible].7	4[illegible].7	4[illegible].7	4[illegible].7	4[illegible].7	4[illegible].7	4[illegible].7	4[illegible].7	4[illegible].7	4[illegible].7
≥ 16000	1[illegible]	4[illegible].1	4[illegible]	4[illegible].7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	1[illegible].1	4[illegible].7	4[illegible].7	5[illegible].3	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7
≥ 12000	1[illegible].1	49.[illegible]	5[illegible].2	5[illegible].7	51.[illegible]	1[illegible]	1[illegible]	1[illegible]	1[illegible]	1[illegible]	51.[illegible]	51.[illegible]	1[illegible]	51.[illegible]	51.[illegible]	51.[illegible]
≥ 10000	1[illegible]	53.2	54.5	5[illegible].2	5[illegible]	5[illegible]	5[illegible]	5[illegible]	5[illegible]	5[illegible]	5[illegible]	5[illegible]	5[illegible]	5[illegible]	5[illegible]	5[illegible]
≥ 9000	1[illegible]	53.2	54.5	5[illegible].2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 8000	1[illegible]	56.[illegible]	5[illegible].1	5[illegible]	5[illegible]	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 7000	1[illegible].7	57.7	5[illegible].4	6[illegible].2	6[illegible].7	6[illegible].7	6[illegible].7	6[illegible].7	6[illegible].7	6[illegible].7	6[illegible].7	6[illegible].7	6[illegible].7	6[illegible].7	6[illegible].7	6[illegible].7
≥ 6000	1[illegible].7	5[illegible].1	5[illegible].7	6[illegible].7	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]
≥ 5000	1[illegible].7	6[illegible].7	6[illegible].2	63.2	63.[illegible]	63.9	63.[illegible]	63.9	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	63.9
≥ 4500	1[illegible].7	61.9	6[illegible].6	64.[illegible]	65.2	65.[illegible]	65.[illegible]	65.2	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.2
≥ 4000	71.[illegible]	67.1	6[illegible]	70.3	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]
≥ 3500	71.3	69.7	71.9	73.2	74.[illegible]	74.[illegible]	74.2	74.2	74.[illegible]	74.2	74.[illegible]	74.2	74.2	74.[illegible]	74.[illegible]	74.[illegible]
≥ 3000	7[illegible].[illegible]	74.5	77.1	7[illegible].4	7[illegible].4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 2500	7[illegible].[illegible]	75.5	7[illegible].4	79.7	8[illegible].7	[illegible].7	85.7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7	[illegible].7
≥ 2000	8[illegible].[illegible]	77.1	8[illegible].7	81.9	8[illegible].2	[illegible].2	83.2	[illegible].2	[illegible]	[illegible].2	[illegible].2	[illegible].2	[illegible].2	83.2	83.2	[illegible]
≥ 1800	[illegible]	77.1	8[illegible].7	81.9	8[illegible].2	[illegible].2	83.2	[illegible].2	[illegible]	83.2	83.[illegible]	[illegible].2	[illegible].2	83.2	83.[illegible]	[illegible].2
≥ 1500	8[illegible].2	7[illegible].4	82.7	83.6	84.[illegible]	84.8	84.8	84.8	[illegible]	84.8	84.8	84.8	[illegible].8	84.8	84.8	[illegible]
≥ 1200	8[illegible].[illegible]	7[illegible].7	8[illegible].9	84.2	85.[illegible]	85.5	85.5	[illegible]	[illegible].5	[illegible]	[illegible].5	85.5	85.5	85.[illegible]	85.5	[illegible]
≥ 1000	8[illegible].[illegible]	79.[illegible]	8[illegible].9	85.2	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 900	8[illegible].[illegible]	79.[illegible]	8[illegible].2	85.2	87.[illegible]	[illegible].1	88.1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	[illegible].1	88.1	88.1
≥ 800	8[illegible].[illegible]	7[illegible].[illegible]	8[illegible].[illegible]	8[illegible].[illegible]	[illegible].7	[illegible].7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 700	[illegible]	7[illegible]	83.[illegible]	85.[illegible]	[illegible].7	[illegible].7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9[illegible].3	[illegible].3
≥ 600	[illegible]	7[illegible]	84.[illegible]	86.[illegible]	8[illegible].7	91.[illegible]	[illegible]	91.[illegible]	91.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	92.3	92.3	92.3
≥ 500	[illegible]	79.[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.6	93.9	93.9
≥ 400	[illegible]	79.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.[illegible]	95.2	[illegible]	95.[illegible]	95.[illegible]	95.5
≥ 300	[illegible]	7[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96.1	96.[illegible]	[illegible]	96.[illegible]	97.1	97.1
≥ 200	[illegible]	7[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.1	[illegible]	98.1	99.[illegible]	[illegible]
≥ 100	[illegible]	79.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96.1	[illegible]	97.1	[illegible]	98.4	99.7	99.7
≥ 0	[illegible]	79.7	[illegible]	7.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.1	[illegible]	98.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) 19

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	52.9	52.9	52.9
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	76.1	77.7	[illegible]	[illegible]	[illegible]	79.4	[illegible]	[illegible]	79.7	[illegible]	[illegible]	[illegible]	79.7	79.7	79.7
≥ 2000	[illegible]	[illegible]	[illegible]	81.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	81.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET 5MOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE NC

CEILING VERSUS VISIBILITY

[illegible]	[illegible]	[illegible]	[illegible]
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	61.7	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	62.7	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.7	71.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	71.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74.7	74.7	74.7	74.7	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	71.7	[illegible]	[illegible]	[illegible]	75.7	[illegible]	[illegible]	[illegible]	[illegible]	76.7	76.7	76.7	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	74.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	81.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.7	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	54.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	54.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	56.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64.7	64.7	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4500	[illegible]	[illegible]	71.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	76.7	76.7	[illegible]	76.7	[illegible]	[illegible]	[illegible]	76.7	76.7	[illegible]
≥ 3500	[illegible]	74.3	77.7	[illegible]	[illegible]	79.3	[illegible]	[illegible]	[illegible]	[illegible]	79.7	[illegible]	[illegible]	79.3	79.3	[illegible]
≥ 3000	[illegible]	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	83.7	84.3	84.7	85.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85.7	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	84.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	85.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	87.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	87.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	87.7	[illegible]	[illegible]	[illegible]	91.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	87.7	[illegible]	[illegible]	[illegible]	92.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	91.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.3	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	91.7	[illegible]	94.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.7	97.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.7	97.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION
STATION NAME
YEARS
MONTH
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	52.7	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	56.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	64.7	[illegible]	[illegible]	64.7	[illegible]	[illegible]	[illegible]	64.7	64.7	64.7	64.7	64.7	64.7
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.3	[illegible]	[illegible]	67.3	67.3	67.3
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74.7	[illegible]	[illegible]	74.7	74.7	[illegible]	[illegible]	74.7	74.7	74.7
≥ 3500	[illegible]	[illegible]	[illegible]	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84.7	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89.3	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89.7	89.7	89.7
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	92.3	92.3	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	92.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.7	[illegible]	[illegible]	[illegible]	94.7	94.7
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.7	95.7
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (LST) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	47.7	47.7	47.7	47.7	47.7	47.7	47.7	[illegible]	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	[illegible]	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 18000	[illegible]	[illegible]	51.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	51.7	[illegible]	57.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	1.7	5[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57.7	57.7	57.7	57.7	57.7	57.7
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	4.7	4.7	[illegible]	[illegible]	[illegible]	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57.7	[illegible]	[illegible]	[illegible]	[illegible]	57.7	57.7	57.7	57.7	57.7
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	67.7	67.7	67.7	7.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	7[illegible]	7[illegible]	77.	77.	77.	77.	77.	77.	77.	77.	[illegible]	77.	77.	77.
≥ 3500	[illegible]	[illegible]	7[illegible]	7[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.	1.	1.	1.
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	1.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	87.3	[illegible]	89.3	89.3	[illegible]	[illegible]	89.7	89.7	89.7	89.7	89.7	89.7	[illegible]
≥ 1200	[illegible]	[illegible]	87.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	91.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION ________ STATION NAME ________ YEARS ________ MONTH ________

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) ________

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	71.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	76.3	[illegible]	[illegible]	77.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.3	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.7	[illegible]	[illegible]	91.7	91.7
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.7	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.7
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.3	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96.7	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS ________

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH ALL

HOURS (L S T) ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000																
≥ 18000 ≥ 16000																
≥ 14000 ≥ 12000																
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000																
≥ 4500 ≥ 4000																
≥ 3500 ≥ 3000																
≥ 2500 ≥ 2000																
≥ 1800 ≥ 1500																
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400																
≥ 300 ≥ 200																
≥ 100 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	47.1	[illegible]	51.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54.	[illegible]	54.	[illegible]	[illegible]
≥ 18000	[illegible]	47.	[illegible]	51.6	[illegible]	[illegible]	[illegible]	[illegible]	4.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	47.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	47.4	[illegible]	1.	[illegible]	[illegible]	3.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	51.	[illegible]	[illegible]	4.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57.1	57.1
≥ 10000	[illegible]	[illegible]	[illegible]	57.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	57.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.1	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	61.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	61.	[illegible]	67.4	[illegible]	[illegible]	71.	71.	71.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73.	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	71.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.1	77.4	77.4	[illegible]	77.4	77.7	77.7
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	73.	[illegible]	75.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	71.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	71.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.1	97.1
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 1.

DIRNAVOCEANNET SMOS

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) _____

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (LST) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
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≥ 4500																
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≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
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≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
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≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
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≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
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≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
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≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (LST) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
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≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (LST) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (LST) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
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TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
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TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANOMET 5MOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L S T

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
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TOTAL NUMBER OF OBSERVATIONS _____

DIR NAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (LST) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
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TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) _____

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
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TOTAL NUMBER OF OBSERVATIONS _____

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (LST) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	11.7	[illegible]	[illegible]	67.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	11.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74.1	[illegible]	[illegible]	[illegible]	[illegible]	74.4	[illegible]
≥ 4000	11.7	[illegible]	[illegible]	[illegible]	[illegible]	75.7	[illegible]	[illegible]	[illegible]	76.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	11.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	11.7	[illegible]	[illegible]	76.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	11.7	[illegible]	[illegible]	77.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	11.7	[illegible]	[illegible]	77.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	11.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	11.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	11.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	11.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0	11.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
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≥ 3000																
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≥ 2000																
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≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (LST) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	71.9	77.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	77.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) 1

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
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≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
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≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS _____ L.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
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≥ 1000																
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≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
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≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
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≥ 10000																
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≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
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≥ 10000																
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≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
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≥ 12000																
≥ 10000																
≥ 9000																
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≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE NC

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	47.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	47.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	47.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	47.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	47.7	54.7	[illegible]	[illegible]	[illegible]	[illegible]	4.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	47.7	54.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	71.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	71.7	[illegible]	[illegible]	[illegible]	[illegible]	1.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	71.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	71.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	71.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	71.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0	[illegible]	[illegible]	71.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION ______ STATION NAME ______ YEARS ______ MONTH ______

HOURS (L.S.T.) ______

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS ______

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	31.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	77.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	77.1	41.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	41.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	41.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	11.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	11.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	11.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	11.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73.9	76.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	11.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	57.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	11.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	76.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	11.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	11.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	11.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	11.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	11.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	11.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	11.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0	11.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
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≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
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≥ 4000																
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≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
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≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNA/OCEANMET SMOS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
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≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION ____ STATION NAME ____ YEARS ____ MONTH ____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) ____

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS ____

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
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≥ 4000																
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≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

MARINE WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIR NAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION
STATION NAME
YEARS
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.7	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.6	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.6	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.9	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.9	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.4	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.7	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	[illegible]	67.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	67.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	71.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	71.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	71.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
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≥ 2500																
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≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIR NAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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≥ 500																
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≥ 300																
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≥ 100																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NATIONAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
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≥ 200																
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≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIR NAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS ________

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
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≥ 100																
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TOTAL NUMBER OF OBSERVATIONS _____

U.S. NAVY WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
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TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) _____

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
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TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
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TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
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TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
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TOTAL NUMBER OF OBSERVATIONS _____

DIPNA-CLEARWALT 5/70S

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
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TOTAL NUMBER OF OBSERVATIONS _____

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET 5/4/05

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION ____ STATION NAME ____ YEARS ____ MONTH ____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) 1

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	47.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	77.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
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≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
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≥ 4500																
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≥ 1800																
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≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH: ALL

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
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≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

STATION ____ STATION NAME ____ YEARS ____ MONTH ____

HOURS (L S T) ____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS ____

DIRECTAVOGEAMNET 55-05

SKY COVER

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (ST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
		[illegible]			[illegible]						[illegible]	42.4	[illegible]	[illegible]
		[illegible]			14.[illegible]						[illegible]	42.7	6.1	[illegible]
		[illegible]			[illegible]						[illegible]	42.1	6.7	311
		[illegible]			[illegible]						[illegible]	45.7	6.9	311
		.7			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]			[illegible]						[illegible]	43.[illegible]	7.1	[illegible]
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]			17.[illegible]						[illegible]	[illegible]	.7	[illegible]
TOTAL		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]

SKY COVER

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

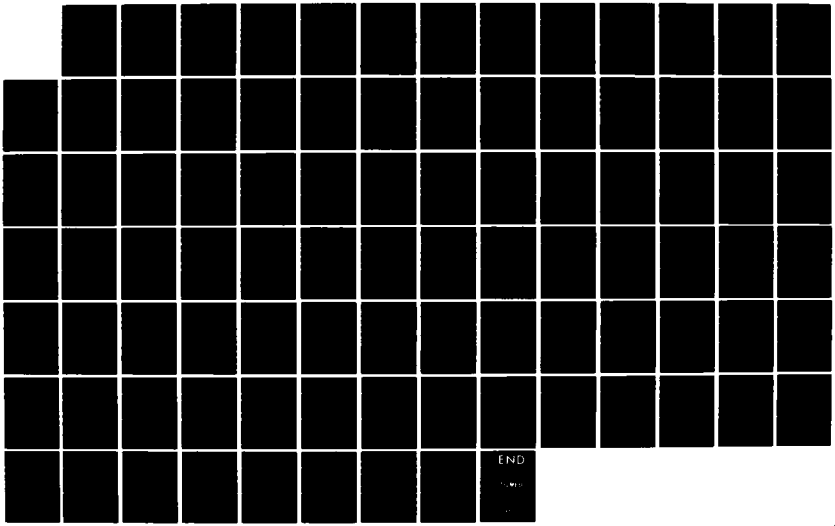
MONTH	HOURS EST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]

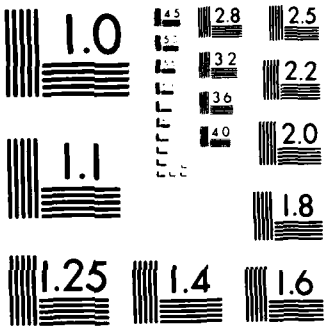
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	7.4	[illegible]
		[illegible]			[illegible]						[illegible]	46.1	7.2	[illegible]
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
TOTAL		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]

AD-A150 437 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 4/4
WILLOW GROVE PENNSYLVANIA(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC AUG 84

UNCLASSIFIED F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

SKY COVER

STATION: [illegible] STATION NAME: [illegible] PERIOD: [illegible] MONTH: [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	[illegible]	3[illegible].3			1[illegible].7						15.3	37.3	5.6	300
	[illegible]	31.3			1[illegible].3						15.7	37.7	5.6	300
	[illegible]	24.[illegible]			1[illegible].3						22.7	35.0	6.1	300
	[illegible]	1[illegible].3			21.7						24.7	35.3	6.4	300
	1[illegible]	1[illegible].3			27.3						21.7	38.7	6.6	300
	1[illegible]	14.[illegible]			23.7						2[illegible].3	36.0	6.7	300
	1[illegible]	13.3			3[illegible].7						19.3	36.7	6.3	300
	[illegible]	32.[illegible]			17.7						17.3	33.0	5.4	300
TOTALS		[illegible].2			31.2						[illegible].4	36.2	6.1	24[illegible]0

SKY COVER

STATION: [illegible] STATION NAME: [illegible], PA PERIOD: 77-[illegible] MONTH: MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	[illegible]	21.3			24.2						15.8	38.7	6.0	310
	[illegible]4	23.[illegible]			17.7						19.0	39.4	6.2	310
	[illegible]7	1[illegible].1			2[illegible].[illegible]						15.5	45.8	6.6	310
	1[illegible]	13.3			2[illegible].2						19.0	44.5	6.9	310
	1[illegible]	[illegible].2			27.2						25.5	46.8	7.7	310
	1[illegible]	[illegible].6			23.5						26.5	43.5	7.4	310
	1[illegible]	[illegible].5			26.8						26.5	41.0	7.3	310
	[illegible]2	22.6			23.[illegible]						16.8	37.1	5.9	310
TOTALS		1[illegible].3			2[illegible].0						20.6	42.1	6.8	2480

SKY COVER

STATION: [illegible] STATION NAME: [illegible], P PERIOD: [illegible] MONTH: JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	01	21.7			25.[illegible]						20.0	33.3	5.9	300
	04	15.7			27.3						19.0	37.0	6.2	300
	07	1[illegible].3			22.3						16.7	44.7	6.6	300
	10	10.0			25.7						25.7	38.7	6.9	300
	13	4.0			22.3						38.3	35.3	7.7	300
	16	4.3			26.3						33.0	36.3	7.4	300
	19	9.0			27.0						30.3	33.7	6.9	300
	22	12.3			26.0						20.0	35.7	6.1	300
TOTALS		1[illegible].			25.2						25.4	36.8	6.7	2400

SKY COVER

STATION: [illegible] STATION NAME: [illegible] PERIOD: 73-[illegible] MONTH: JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	01	2[illegible].5			24.5						21.3	27.7	5.4	310
	04	21.3			23.5						21.0	34.2	6.0	310
	07	2[illegible].3			23.9						20.6	35.2	6.1	310
	1[illegible]	1[illegible].5			26.1						24.8	32.6	6.3	310
	1[illegible]	[illegible].[illegible]			32.6						34.8	28.7	7.0	310
	1[illegible]	5.[illegible]			32.3						34.2	28.4	6.9	310
	1[illegible]	1[illegible].3			3[illegible].6						29.4	29.7	6.5	310
	22	23.5			24.8						24.9	26.8	5.7	310
TOTALS		15.0			27.3						26.4	30.4	6.2	2480

SKY COVER

STATION: 14[illegible] STATION NAME: [illegible]ILL[illegible] GROVE, P[illegible] PERIOD: 7[illegible] MONTH: AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	[illegible]1	23.5			23.5						20.3	32.6	5.8	310
	[illegible]4	2[illegible].[illegible]			22.6						18.4	38.4	6.2	310
	[illegible]7	13.9			26.4						18.7	39.0	6.4	310
	[illegible]0	14.5			25.8						25.8	33.9	6.5	310
	1[illegible]	[illegible].6			28.1						33.5	34.5	7.3	310
	1[illegible]	3.6			33.5						28.4	34.5	7.0	310
	1[illegible]	6.[illegible]			3[illegible].[illegible]						30.0	33.2	6.9	310
	[illegible]2	2[illegible].0			25.2						21.3	33.5	6.0	310
TOTALS		1[illegible].[illegible]			27.1						24.6	35.0	6.5	2480

SKY COVER

STATION: [illegible] STATION NAME: [illegible], [illegible] PERIOD: 77-80 MONTH: SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
	[illegible]1	27.7			21.[illegible]						15.7	35.7	5.6	300
	[illegible]4	2[illegible].7			2[illegible].7						14.7	36.0	5.5	300
	[illegible]	16.[illegible]			2[illegible].[illegible]						22.3	36.7	6.4	300
	[illegible]	17.3			24.3						24.0	34.3	6.3	300
	1[illegible]	[illegible]6.7			32.0						29.7	31.7	6.8	300
	1[illegible]	[illegible].7			31.7						26.0	36.0	6.9	300
	[illegible]	11.7			31.0						23.3	34.0	6.4	300
	[illegible]2	24.3			21.7						21.0	33.0	5.8	300
TOTALS		1[illegible].3			25.[illegible]						22.1	34.7	6.2	24[illegible]0

SKY COVER

STATION: [illegible] STATION NAME: [illegible], D PERIOD: 73-[illegible] MONTH: OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	01	33.[illegible]			16.1						13.2	36.8	5.4	310
	04	33.[illegible]			17.1						16.5	32.6	5.3	310
	07	1[illegible].7			29.4						18.1	32.9	5.8	310
	10	15.[illegible]			32.9						18.4	32.9	5.9	310
	13	1[illegible].6			2[illegible].4						25.[illegible]	33.2	6.5	310
	16	14.[illegible]			27.1						25.2	32.9	6.4	310
	19	27.1			24.[illegible]						19.7	28.4	5.4	310
	22	32.[illegible]			22.3						15.2	30.3	5.1	310
TOTALS		2[illegible].[illegible]			24.[illegible]						19.[illegible]	32.5	5.7	2480

SKY COVER

STATION: [illegible] | STATION NAME: ILL[illegible] GROVE, P[illegible] | PERIOD: 7[illegible]-8[illegible] | MONTH: NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	11	2[illegible].[illegible]			17.7						13.7	39.7	5.7	300
	14	2[illegible].7			15.7						14.7	40.0	5.8	300
	17	1[illegible].3			25.7						22.0	39.0	6.7	300
	20	10.0			27.3						22.7	40.0	6.9	300
	1	[illegible].7			2[illegible].0						26.3	40.3	7.2	300
	1[illegible]	1[illegible].7			25.7						27.3	36.3	6.9	300
	1[illegible]	2[illegible].0			23.7						19.3	35.0	6.0	300
	22	25.7			2[illegible].7						16.3	37.3	5.9	300
TOTALS		1[illegible].5			2[illegible].3						[illegible].3	38.5	6.4	24[illegible]

SKY COVER

STATION: [illegible] STATION NAME: [illegible] PROVE, P[illegible] PERIOD: 75-[illegible] MONTH: DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	1	2[illegible].5			1[illegible].7						11.9	41.9	5.9	310
	[illegible]	2[illegible].2			1[illegible]						12.9	44.5	6.2	310
	[illegible]	14.5			2[illegible].5						1[illegible].1	42.9	6.7	310
	[illegible]	1[illegible].3			22.3						1[illegible].4	47.1	7.0	310
	1[illegible]	[illegible].1			2[illegible].3						24.5	47.1	7.5	310
	1[illegible]	11.6			21.[illegible]						22.9	44.5	7.1	310
	1[illegible]	2[illegible].[illegible]			21.7						12.9	42.4	6.1	309
	[illegible]	27.[illegible]			1[illegible].4						13.6	43.[illegible]	6.1	309
TOTALS		1[illegible].[illegible]			22.9						16.9	44.2	6.6	2478

SKY COVER

STATION: [illegible] STATION NAME: [illegible], P PERIOD: 73-[illegible] MONTH: ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	ALL	[illegible]			[illegible]						17.7	43.3	6.5	2480
[illegible]		[illegible]			[illegible]						16.6	38.1	5.9	2256
[illegible]		[illegible]			[illegible]						17.6	44.1	6.6	2480
[illegible]		[illegible]			[illegible]						20.4	36.2	6.1	2400
[illegible]		[illegible]			[illegible]						20.6	42.1	6.8	2480
[illegible]		[illegible]			[illegible]						25.4	36.8	6.7	2400
[illegible]		[illegible]			27.3						26.4	[illegible]	6.2	[illegible]
[illegible]		[illegible]			27.1						24.6	35.6	6.5	2480
[illegible]		[illegible]			25.9						22.1	34.7	6.2	2400
[illegible]		[illegible]			24.8						[illegible]	32.5	5.7	2480
[illegible]		[illegible]			[illegible]						20.3	[illegible]	6.4	2400
[illegible]		[illegible]			[illegible]						16.9	44.2	6.6	2478
	TOTALS	[illegible]			23.3						20.6	38.0	6.4	29214

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:

   a. Daily maximum temperature
   b. Daily minimum temperature
   c. Daily mean temperature

2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

      NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the form. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computations for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

a. Dry-bulb temperature
b. Wet-bulb temperature
c. Dew-point temperature

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

6. Percentage frequency of occurrence of dry-bulb temperature versus wind direction - This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry-bulb temperatures spread vertically in four degree increments and horizontally by eight wind directions (plus calm).

DAILY TEMPERATURES

STATION | STATION NAME | YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥ [illegible]								.1	.1				[illegible]
≥ [illegible]						1.2	[illegible]	1.7	[illegible]				.7
≥ [illegible]				[illegible]	[illegible]	[illegible]	[illegible]	11.[illegible]	[illegible]				[illegible]
≥ [illegible]			[illegible]	1.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			11.[illegible]
≥ [illegible]			[illegible]	[illegible]	17.2	[illegible]	[illegible]	[illegible]	72.4	4.3	[illegible]		[illegible].2
≥ [illegible]			[illegible]	11.3	36.[illegible]	74.7	[illegible]	[illegible]	[illegible]	14.[illegible]	1.[illegible]		31.7
≥ [illegible]	[illegible]	.3	4.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.3	[illegible]	[illegible]	[illegible]	.3	[illegible]
≥ [illegible]	[illegible]	1.6	[illegible]	34.4	75.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible].1	1.6	47.7
≥ [illegible]	[illegible]	[illegible]	17.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ [illegible]	7.[illegible]	[illegible]	[illegible]	71.3	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	12.1	[illegible]
≥ [illegible]	1[illegible]	17.[illegible]	42.[illegible]	[illegible]	[illegible]	100.0			100.0	[illegible]	59.6	[illegible]	[illegible]
≥ [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.7					[illegible]	77.6	38.5	[illegible]
≥ [illegible]	[illegible]	47.2	77.[illegible]	[illegible]	100.[illegible]					1[illegible]	[illegible]	[illegible]	[illegible]
≥ [illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	74.7	[illegible]
≥ [illegible]	[illegible]	3.7	[illegible]	1[illegible]							[illegible]	[illegible]	[illegible]
≥ [illegible]	[illegible]	[illegible]	99.7								[illegible]	[illegible]	[illegible]
≥ [illegible]	[illegible]	[illegible]	[illegible]								1[illegible]	[illegible]	[illegible]
≥ [illegible]	[illegible]	[illegible]	[illegible]									1[illegible]	[illegible]
≥ [illegible]	[illegible]	1[illegible]											[illegible]
≥ [illegible]	[illegible]												[illegible]
MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	41.[illegible]	[illegible]
S.D.	[illegible]	[illegible]	11.1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL OBS		[illegible]	111	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NAVWEASERVCOM

DAILY TEMPERATURES

STATION | STATION NAME | YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR	APR	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV	DEC	ANNUAL
≥							1.[illegible]	1.[illegible]					[illegible]
≥					[illegible]	[illegible].7	[illegible]	1[illegible].3	5.[illegible]	[illegible]			[illegible].7
≥					2.	[illegible].3	[illegible]	49.6	1[illegible]	1.2	.1		1[illegible]
≥				1.2	13.[illegible]	[illegible]3.5	83.4	77.[illegible]	36.[illegible]	6.4	1.2		2[illegible]
≥ 5	.1		1.[illegible]	[illegible].2	31.[illegible]	79.2	97.[illegible]	9[illegible].4	61.4	17.1	4.1	.5	[illegible]
≥	.[illegible]	.2	3.1	13.4	56.1	93.9	100.0	9[illegible].7	8[illegible]	34.1	9.	1.[illegible]	41.[illegible]
≥ 4[illegible]	.2	1.1	7.0	[illegible].3	7[illegible].5	99.2		99.9	92.[illegible]	54.[illegible]	17.3	3.	4[illegible].8
≥ [illegible]	.[illegible]	3.[illegible]	15.8	5[illegible].7	9[illegible].1	99.9		100.0	[illegible].5	75.7	34.9	8.2	57.9
≥ [illegible]	1[illegible].2	12.2	35.3	[illegible].6	99.1	1[illegible]			99.9	89.7	55.6	21.8	67.4
≥ [illegible]	27.3	31.9	53.8	95.6	99.6				100.0	98.0	78.4	42.7	7[illegible]
≥ [illegible]	45.1	52.7	81.7	99.[illegible]	100.0					100.0	92.9	62.9	8[illegible].4
≥ [illegible]	[illegible].2	68.4	93.[illegible]	99.9							98.5	7[illegible].2	91.9
≥ 1	7[illegible].1	92.4	97.4	1[illegible]0.0							99.9	90.6	9[illegible].8
≥ [illegible]	[illegible].5	[illegible]3.1	99.5								100.0	97.4	99.4
≥ 5	[illegible].4	97.6	99.9									99.5	99.[illegible]
≥	[illegible].9	99.2	1[illegible]0.0									99.[illegible]	99.8
≥ 5-	[illegible]9.7	99.9										100.0	100.0
≥ [illegible]-	100.0	1[illegible]0.0											100.0
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
MEAN	[illegible]	24.1	31.[illegible]	41.[illegible]	5[illegible].[illegible]	6[illegible].1	65.3	63.[illegible]	56.7	45.[illegible]	36.7	27.4	43.[illegible]
S. D.	1[illegible].24	9.457	8.675	7.475	7.259	6.617	5.214	5.336	[illegible].026	8.615	8.985	9.356	16.[illegible]1
TOTAL OBS.	1[illegible]	1015	1110	1048	1082	1048	1062	1083	1049	106[illegible]	1045	1037	12720

NAVWEASERVCOM

DAILY TEMPERATURES

STATION | STATION NAME | YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥								1.2					.4
≥				.1	.4		13.7	12.7					
≥					3.	29.3	54.7	42.6	15.9	.7			1 .3
≥				1.6	14.2	53.9	86.3	74.3	33.	4.2	.4		22.5
≥			1.2	7.8	32.7	78.3	98.6	93.1	52.5	15.4	2.3		32.6
≥		.2	3.2	17.3	58.2	94.1	99.7	99.1	81.2	31.9	6.1	.5	41.1
≥	5	.5	7.9	32.3	79.4	98.9	100.0	100.0	94.3	52.7	13.9	1.8	47.8
≥		3.	15.2	75.0	94.6	99.9			99.5	75.7	29.9	6.2	57.9
≥	4	9.2	29.9	9 .0	98.9	100.0			100.0	91.1	46.6	14.9	65.2
≥		17.7	52.	94.4	99.9					97.9	78.1	30.6	73.7
≥	3	34.1	61.5	73.2	98.7	100.0				99.9	88.1	51.0	82.3
≥		52.	61.5	90.3	99.9					100.0	96.7	71.1	89.5
≥	2	71.6	78.5	96.8	100.0						99.6	85.3	94.4
≥		5.7	93.0	99.9							99.9	94.7	97.5
≥	15	4.	96.4	99.9							100.0	98.7	99.1
≥	1	9.	98.8	100.0								99.9	99.7
≥		99.4	99.9									100.0	99.9
≥		100.0	100.0										100.0
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
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≥													
MEAN				51.	61.	77.1	75.	77.3	65.3	55.5	44.	34.7	52.
S.D.		7.5	7.3 1	5.267	7.439	6.649	4.913	5.34	7.504	.151	.95	9.43	17.55
TOTAL OBS		1	111	1	1	1	1	1	1	1	1	1	1

NAVWEASERVCOM

2

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

[illegible] — STATION NAME | [illegible] 1948-1980 — YEARS | JANUARY — MONTH

DAY	MEAN TEMP AVERAGE F	MEAN TEMP AVERAGE C	MAXIMUM TEMP AVERAGE F	MAXIMUM TEMP AVERAGE C	MAXIMUM TEMP EXTREME F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE F	MINIMUM TEMP AVERAGE C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME C	MINIMUM TEMP EXTREME DATE
1	[illegible]	[illegible]	[illegible]	4.[illegible]	[illegible]	1[illegible].7	1973	[illegible]	[illegible]	[illegible]	-1[illegible]	1977*
2	[illegible]	-[illegible]	[illegible]	[illegible].2	6[illegible]	1[illegible].4	1979	24.1	-4.4	1	-17.2	1968
3	[illegible]	-.1	[illegible].4	3.[illegible]	57	17.[illegible]	1953	25.5	-3.6	1	-17.2	1979
4	1.4	-.2	[illegible].3	3.[illegible]	66	1[illegible]	195[illegible]	24.9	-4.2	0	-17.3	1981
5	[illegible]	-1.1	[illegible].7	2.[illegible]	62	1[illegible].7	1952	23.[illegible]	-4.7	7	-13.[illegible]	1966
6	1.[illegible]	-.[illegible]	[illegible].9	3.[illegible]	67	19.4	195[illegible]	24.3	-4.3	4	-15.6	1968
7	[illegible]	.1	[illegible].9	3.[illegible]	66	19.[illegible]	1946	25.4	-3.7	[illegible]	-12.[illegible]	1966
8	[illegible]	-1.[illegible]	[illegible].3	1.[illegible]	5[illegible]	1[illegible]	1978	[illegible].2	-5.4	1	-17.2	1977
9	[illegible]	-2.4	34.[illegible]	1.[illegible]	62	1[illegible].6	1973	[illegible]	-6.5	-2	-1[illegible].9	1981
10	[illegible]	-2.[illegible]	[illegible].2	1.[illegible]	61	1[illegible].1	195[illegible]	21.[illegible]	-5.[illegible]	-1	-1[illegible].3	1982
11	[illegible]	-1.[illegible]	35.5	1.9	67	19.4	1978	21.[illegible]	-5.[illegible]	-1	-1[illegible].3	1982
12	[illegible]	-2.3	34.[illegible]	1.[illegible]	5[illegible]	13.3	1[illegible]	20.7	-6.3	-6	-21.1	1981
13	[illegible]	-2.1	[illegible].4	1.[illegible]	6[illegible]	18.7	1972	21.0	-6.1	-3	-19.4	1981
14	[illegible]	-.[illegible]	[illegible].4	3.[illegible]	6[illegible]	1[illegible].7	1972	23.7	-4.6	6	-14.4	1954
15	[illegible]	-.[illegible]	37.1	2.[illegible]	53	1[illegible]	1962	2[illegible].[illegible]	-4.7	0	-17.8	1965
16	[illegible]	-1.7	36.3	2.4	6[illegible]	1[illegible].6	1953	21.7	-5.7	1	-17.2	1977
17	[illegible]	-2.7	34.9	1.[illegible]	6[illegible]	16.7	1973	19.5	-6.9	-9	-22.8	1982
18	[illegible]	-2.3	35.[illegible]	2.2	6[illegible]	18.3	1973	19.7	-6.[illegible]	-5	-20.6	19[illegible]2
19	[illegible]	-2.1	3[illegible].3	2.4	67	17.2	1951	[illegible].2	-6.6	3	-16.1	1977
20	.1	-1.1	37.4	3.[illegible]	6[illegible]	16.7	1951	22.[illegible]	-[illegible].1	7	-13.9	1946
21	[illegible]	-.9	37.7	3.2	6[illegible]	17.[illegible]	1959	23.1	-4.9	4	-15.6	1961
22	[illegible]	-.1	3[illegible].[illegible]	4.2	6[illegible]	17.8	1959	24.[illegible]	-4.4	3	-16.1	197[illegible]
23	1.2	-.4	[illegible].1	3.[illegible]	6[illegible]	1[illegible].2	1967	23.2	-4.[illegible]	5	-15.[illegible]	1961
24	[illegible]	-.5	37.7	3.2	6[illegible]	2[illegible].[illegible]	1967	24.9	-4.3	[illegible]	-15.[illegible]	1948
25	[illegible]	.4	[illegible].6	4.2	6[illegible]	1[illegible].4	1967	25.[illegible]	-3.4	4	-15.6	1[illegible]61
26	1.4	.[illegible]	[illegible]1.2	5.1	73	[illegible]2.	19[illegible]	25.6	-3.6	8	-14.4	1961
27	1.	-.2	[illegible].8	3.[illegible]	67	19.[illegible]	1974	24.[illegible]	-4.2	9	-12.8	1952
28	[illegible]	-1.7	35.	2.1	6[illegible]	1[illegible]	1947	22.2	-5.4	[illegible]	-1[illegible].0	1966*
29	[illegible]	-1.6	35.9	2.2	67	17.2	1976	22.4	-5.3	-2	-1[illegible].9	1977
30	[illegible]	-1.4	36.3	2.[illegible]	6[illegible]	[illegible].7	1947	22.2	-5.4	[illegible]	-1[illegible]	1[illegible]52
31	[illegible]	-2.3	34.[illegible]	1.[illegible]	5[illegible]	1[illegible]	1974	21.	-6.1	-3	-19.4	1949
Monthly	[illegible]	-1.1	37.2	2.[illegible]	7[illegible]	22.	195[illegible]	22.[illegible]	-[illegible].1	-[illegible]	-22.[illegible]	1952

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

2

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

[illegible] STATION NAME | [illegible] YEARS | [illegible] MONTH

	MEAN TEMP AVERAGE		MAXIMUM TEMP AVERAGE		MAXIMUM TEMP EXTREME			MINIMUM TEMP AVERAGE		MINIMUM TEMP EXTREME		
DAY	F	C	F	C	F	C	DATE	F	C	F	C	DATE
1	[illegible]	[illegible]	[illegible]	1.	5[illegible]	1[illegible].	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	1.7	5[illegible]	1[illegible]	1967	[illegible]	[illegible]	[illegible]	-20.0	1961
[illegible]	[illegible]	[illegible]	[illegible]	1.	54	[illegible]	197[illegible]	19.[illegible]	-6.[illegible]	[illegible]	-17.2	1[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	58	1[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	-15.[illegible]	197[illegible]
5	[illegible]	[illegible]	[illegible]	1.[illegible]	5[illegible]	1[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	-16.1	197[illegible]
6	[illegible]	-1.1	7.4	[illegible]	5[illegible]	1[illegible]	1[illegible]	22.7	[illegible]	[illegible]	-1[illegible].	1[illegible]77
7	[illegible]	-1.1	[illegible]	[illegible]	[illegible]	11.[illegible]	1[illegible]	[illegible]	-5.		-13.3	1[illegible]77
8	[illegible]	-1.[illegible]	[illegible]	[illegible]	6[illegible]	1[illegible]	1[illegible]	22.[illegible]	[illegible]	[illegible]	-1[illegible].	1[illegible]67
9	[illegible]	-1.7	[illegible]	[illegible]	5[illegible]	1[illegible]	1[illegible]	21.[illegible]	-5.6	[illegible]	-1[illegible].7	1967
10	[illegible]	-1.2	[illegible]	[illegible]	[illegible]	1[illegible].6	1[illegible]	22.4	[illegible]	[illegible]	-1[illegible].6	197[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	5[illegible]	17.[illegible]	196[illegible]	[illegible]	[illegible]	[illegible]	-1[illegible].9	197[illegible]
12	[illegible]	-1.[illegible]	[illegible]	[illegible]	[illegible]	11.[illegible]	1971	[illegible]	[illegible]	[illegible]	-21.1	1[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	6[illegible]	17.[illegible]	1951	[illegible]	[illegible]	-1	-1[illegible].3	1967
14	[illegible]	-.1	[illegible]	4.[illegible]	6[illegible]	17.[illegible]	1947	23.[illegible]	-4.[illegible]	[illegible]	-1[illegible].9	1979
15	[illegible]	[illegible]	[illegible]	[illegible].6	7[illegible]	[illegible].	1949	[illegible]	-7.6	11	-11.7	1979*
16	[illegible]	.7	1.4	5.2	71	[illegible].	1954	[illegible]	[illegible]	[illegible]	-14.4	1979
17	[illegible]	[illegible]	[illegible]	[illegible]	6[illegible]	1[illegible]	1976	25.7	-3.[illegible]	-2	-15.9	1979
18	[illegible]	[illegible]	1.[illegible]	[illegible]	6[illegible]	19.4	1[illegible]	[illegible]	[illegible]	-	-20.6	1979
19	[illegible]	1.2	[illegible]	5.7	[illegible]	1[illegible]	1[illegible]	26.1	-3.3	[illegible]	-12.2	1979*
20	[illegible]	[illegible]	[illegible]	4.[illegible]	6	1[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	-16.7	1978
21	[illegible]	[illegible]	[illegible]	4.1	6[illegible]	[illegible]	1[illegible]	24.[illegible]	-4.1	4	-1[illegible].6	1968
22	[illegible]	[illegible]	[illegible]	5.[illegible]	[illegible]	1[illegible]	1[illegible]	[illegible]	-3.7		-1[illegible]	1960
23	[illegible]	1.1	[illegible]	[illegible].1	6[illegible]	1[illegible]	1977	[illegible]	-2.9	[illegible]	-1[illegible]	1972
24	[illegible]	1.[illegible]	[illegible]	6.7	[illegible]	1[illegible]	1981	26.	-3.9	1[illegible]	-1[illegible].6	1947
25	[illegible]	[illegible]	[illegible]	7.[illegible]	[illegible]	19.	1976	[illegible]	-1.7	11	-11.7	1967
26	[illegible]	[illegible]	[illegible]	6.[illegible]	[illegible]	1[illegible].7	1951	[illegible]	-1.[illegible]		-13.3	197[illegible]
27	[illegible]	[illegible]	[illegible]	7.4	[illegible]	1[illegible]	1977	[illegible]	-2.1		-13.3	195[illegible]
28	[illegible]	[illegible]	44.1	[illegible].7	[illegible]	1[illegible]	1976	27.4	-2.[illegible]	1[illegible]	-1[illegible].6	197[illegible]
29	[illegible]	1.7	41.[illegible]	5.5	6[illegible]	[illegible]	1976	[illegible]	-2.1		-12.[illegible]	198[illegible]
30												
31												
Monthly	[illegible]	-.1	.4	[illegible].1	[illegible]	[illegible]2.	1949	24.1	-4.4	[illegible]	-21.1	1[illegible]

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION NAME | YEARS | MONTH

DAY	MEAN TEMP AVERAGE F	MEAN TEMP AVERAGE C	MAXIMUM TEMP AVERAGE F	MAXIMUM TEMP AVERAGE C	MAXIMUM TEMP EXTREME F	MAXIMUM TEMP EXTREME C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE F	MINIMUM TEMP AVERAGE C	MINIMUM TEMP EXTREME F	MINIMUM TEMP EXTREME C	MINIMUM TEMP EXTREME DATE
1	[illegible]	1.	[illegible].3	[illegible].3	71	21.7	1972	[illegible].2	-2.7	[illegible]	-1[illegible].0	1[illegible]
2	[illegible]	1.	[illegible]	5.1	72	22.[illegible]	1972	27.7	-2.4	[illegible]	-1[illegible].3	1[illegible]
3	[illegible]	2.1	47.1	8.7	66	17.[illegible]	1972*	28.2	-2.1	[illegible]	-1[illegible].3	1[illegible]
4	[illegible]	2.1	45.7	8.5	72	24.4	1974	3[illegible].	-2.2	1	-1[illegible]	19[illegible]
5	[illegible]	3.	[illegible]	9.2	75	23.[illegible]	1976	31.[illegible]	-.7	[illegible]	-13.3	197[illegible]
6	[illegible]	2.[illegible]	44.[illegible]	7.1	63	17.2	1959	29.7	-1.7	11	-11.7	1949
7	[illegible]	2.[illegible]	44.[illegible]	7.2	7[illegible]	21.1	1945	29.8	-1.2	1	-1[illegible].2	19[illegible]
8	[illegible]	2.2	4.1	6.7	65	1[illegible].7	1951	28.2	-2.2	11	-11.7	196[illegible]
9	[illegible]	2.4	44.7	7.1	64	17.8	1977	28.2	-2.1	12	-11.1	196[illegible]
10	[illegible]	3.[illegible]	[illegible].5	9.1	7[illegible]	1[illegible].1	1953	3[illegible].3	-.8	1[illegible]	-[illegible].9	196[illegible]
11	[illegible]	3.4	4[illegible].4	9.	6[illegible]	2[illegible].8	1977*	29.9	-1.2	1[illegible]	-1[illegible].2	196[illegible]
12	[illegible]	3.[illegible]	4[illegible].7	8.2	55	1[illegible].8	1977	3[illegible].4	-.6	1[illegible]	-1[illegible].0	196[illegible]
13	[illegible]	4.2	47.6	8.7	6[illegible]	[illegible]	1946	[illegible]1.2	-.4	[illegible]	-1[illegible].9	1953
14	[illegible]	[illegible]	[illegible].7	9.3	76	24.4	1957	33.2	.7	[illegible]	-[illegible].7	196[illegible]
15	[illegible]	4.[illegible]	[illegible].9	9.4	67	2[illegible].8	1945	3[illegible].8	.7	[illegible]	-6.7	19[illegible]
16	[illegible]	4.4	4[illegible].4	9.1	3[illegible]	2[illegible].7	1945	31.7	-.2	1[illegible]	-7.8	1979
17	[illegible]	3.[illegible]	4[illegible].7	8.2	82	27.8	1945	3[illegible].9	-.2	1[illegible]	-3.9	1957
18	[illegible].7	[illegible].2	4[illegible].8	7.7	67	19.4	1962	29.7	-1.3	1	-12.2	1967
19	[illegible].7	4.3	47.9	8.8	74	23.3	1945	31.5	-.3	[illegible]	-14.4	1967
20	[illegible].8	5.7	[illegible]1.1	1[illegible].[illegible]	51	27.2	1945	33.3	.7	14	-10.0	1949
21	3.	6.1	[illegible].7	11.1	1	27.2	1941	33.7	1.1	1[illegible]	-11.1	1957
22	[illegible].2	5.6	[illegible].1	1[illegible].1	79	24.4	1945	33.8	1.[illegible]	[illegible]	-4.7	1945
23	3.	5.1	[illegible].3	11.3	6	2[illegible].7	1979	33.7	1.[illegible]	[illegible]	-[illegible].7	1959
24	[illegible]	6.6	[illegible].3	11.[illegible]	67	2[illegible].5	1959	34.3	1.3	[illegible]	-5.6	195[illegible]
25	[illegible]1.4	5.2	45.9	9.9	76	23.3	1959	32.	.4	1	-7.8	195[illegible]
26	2.	5.3	1.4	10.9	7	21.1	1978	33.4	.6	2	-4.7	19[illegible]
27	[illegible].	5.6	52.[illegible]	11.[illegible]	7[illegible]	24.4	1[illegible]	35.[illegible]	1.7	[illegible]	-5.6	19[illegible]
28	4.	7.2	54.7	12.	81	[illegible]	1945	35.1	1.7	[illegible]	-6.7	1952
29	[illegible]	.1	57.1	13.[illegible]	3	[illegible].4	1945	36.2	2.3	[illegible]	-6.7	1959
30	[illegible].7	3.7	55.1	12.[illegible]	81	[illegible]	1977	38.3	[illegible]	17	-5.3	1972
31	[illegible]	7.8	54.[illegible]	12.2	[illegible]	[illegible].7	1976	37.4	[illegible]	[illegible]	-5.6	1969
Monthly	[illegible]	4.6	4[illegible].6	9.[illegible]	[illegible]	[illegible].4	194	31.[illegible]	-.1	[illegible]	-17.8	1958

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

2

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	[illegible] -[illegible] 1965-[illegible]	APRIL

DAY	MEAN TEMP AVERAGE F	MEAN TEMP AVERAGE C	MAXIMUM TEMP AVERAGE F	MAXIMUM TEMP AVERAGE C	MAXIMUM TEMP EXTREME F	MAXIMUM TEMP EXTREME C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE F	MINIMUM TEMP AVERAGE C	MINIMUM TEMP EXTREME F	MINIMUM TEMP EXTREME C	MINIMUM TEMP EXTREME DATE
1	[illegible]	[illegible]	[illegible].6	1[illegible].3	7[illegible]	[illegible].1	197[illegible]	[illegible].1	3.4	22	-5.6	1965
2	[illegible]	9.2	57.6	1[illegible].2	81	27.2	1967	39.7	4.3	21	-.6	1954
3	[illegible]	[illegible].4	[illegible].5	13.[illegible]	7[illegible]	24.4	1981	37.6	3.1	25	-3.9	1954
4	[illegible]	[illegible].4	55.7	17.2	7[illegible]	24.4	19[illegible]	3[illegible].5	3.6	22	-5.6	1974
5	[illegible]	[illegible].3	57.1	13.[illegible]	6[illegible]	27.6	1974	37.[illegible]	2.[illegible]	2[illegible]	-3.9	1975
6	[illegible]	[illegible]	[illegible].1	12.[illegible]	[illegible]	26.7	1947	37.7	[illegible].2	22	-5.6	1982
7	4[illegible]	7.7	[illegible].4	13.[illegible]	7[illegible]	25.6	19[illegible]4	36.1	2.3	1[illegible]	-7.8	1982
8	[illegible]	7.3	58.9	12.7	83	28.7	1959	35.6	2.[illegible]	23	-5.[illegible]	1982
9	[illegible]	.1	[illegible].7	13.7	82	27.[illegible]	1959	36.4	2.4	24	-4.4	1977
10	[illegible]	[illegible].7	[illegible].4	14.7	77	25.[illegible]	1955	36.9	2.7	25	-3.9	195[illegible]
11	[illegible]	9.5	[illegible].1	15.1	82	27.9	19[illegible]	38.3	3.3	[illegible]	-1.7	197[illegible]
12	[illegible]	[illegible]	[illegible].2	15.7	84	[illegible].9	1977	39.3	4.3	27	-2.[illegible]	1976
13	[illegible]	9.5	[illegible].9	14.[illegible]	8[illegible]	27.8	1977	39.4	4.1	26	-3.3	195[illegible]
14	[illegible]	[illegible]	61.1	16.2	86	[illegible]	196[illegible]	40.1	4.5	22	-5.6	1950
15	[illegible]	11.[illegible]	[illegible].2	16.[illegible]	84	28.9	196[illegible]	41.5	5.3	29	-1.7	1952
16	[illegible]	10.6	[illegible].7	16.5	8[illegible]	26.7	1976	4[illegible].4	4.7	29	-1.7	1981
17	[illegible]	11.4	[illegible].7	17.1	8[illegible]	31.7	1976	42.4	5.8	27	-2.6	19[illegible]
18	[illegible]	12.4	65.1	18.4	93	33.[illegible]	1976	43.7	6.5	[illegible]3	.6	1948
19	4[illegible]	1[illegible]	65.1	18.4	9[illegible]	32.2	1976	44.[illegible]	6.7	34	1.1	1979*
20	3[illegible]	11.9	[illegible].7	17.[illegible]	83	31.1	1976	43.2	6.2	23	.6	1961[illegible]
21	4[illegible]	1[illegible].3	65.1	18.4	8[illegible]	29.4	1957	43.3	6.3	29	-1.7	1956
22	5[illegible]	1[illegible].1	65.9	18.8	83	2[illegible].3	1977	45.2	7.3	2[illegible]	-2.2	1975
23	5[illegible]	1[illegible].1	66.4	19.1	8[illegible]	31.7	196[illegible]	44.7	7.1	32	.0	1976
24	4[illegible]	12.2	63.6	17.6	8[illegible]	29.4	196[illegible]	44.4	6.9	7[illegible]	1.7	1956
25	53.[illegible]	1[illegible].1	[illegible]3.2	17.3	8[illegible]	31.7	196[illegible]	44.4	6.9	31	-.6	195[illegible]
26	[illegible]4.7	12.4	[illegible]3.3	17.4	[illegible]	2[illegible].7	1957	45.4	7.4	34	1.1	1972
27	[illegible]	11.4	6[illegible].9	16.1	9[illegible]	32.2	1957	44.[illegible]	6.7	23	.6	1967
28	[illegible]	11.3	61.5	16.4	8[illegible]	31.7	1957	43.3	6.3	31	-.6	1946
29	5.[illegible]	13.[illegible]	[illegible].6	18.7	[illegible]	[illegible].4	1974	45.3	7.4	35	1.7	1948
30	5[illegible]	13.[illegible]	[illegible].3	19.1	6[illegible]	[illegible].3	1974	44.5	6.9	27	2.8	1977*
31												
Monthly	1[illegible]	1[illegible]	[illegible]1.[illegible]	1[illegible].1	9[illegible]	[illegible]	1976	41.[illegible]	5.[illegible]	1[illegible]	-7.8	1982

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

[illegible]

	MEAN TEMP AVERAGE		MAXIMUM TEMP AVERAGE		MAXIMUM TEMP EXTREME				MINIMUM TEMP AVERAGE		MINIMUM TEMP EXTREME		
DAY	F	C	F	C	F	C	DATE	F	C	F	C	DATE
1	[illegible]	1[illegible]	[illegible]	2[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-1.7	197[illegible]
2	[illegible]	1[illegible]	[illegible]	1[illegible]	1	[illegible]	1[illegible]	47.1	[illegible]	[illegible]	[illegible]	1[illegible]
3	[illegible]	1[illegible]	[illegible]	19.[illegible]	[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]
4	[illegible]	1[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]
5	[illegible]	1[illegible]	[illegible]	17.[illegible]	[illegible]	[illegible]	1[illegible]	45.7	[illegible]	[illegible]	[illegible]	1[illegible]
6	[illegible]	14.7	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]
7	[illegible]	1[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]	19[illegible]	45.1	[illegible]	[illegible]	1.7	197[illegible]
8	[illegible]	12.4	[illegible]	1[illegible]	[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]
9	[illegible]	[illegible]	[illegible]	19.[illegible]	[illegible]	1[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	-1.7	1[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	9	31.[illegible]	197[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]
11	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	195[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]
12	[illegible]	16.[illegible]	71.7	22.1	[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19[illegible]
13	[illegible]	16.4	71.[illegible]	21.[illegible]	[illegible]	1.1	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]
14	[illegible]	1[illegible]	[illegible]	31.[illegible]	[illegible]	[illegible]	1[illegible]	49.9	[illegible]	[illegible]	[illegible]	1[illegible]
15	[illegible]	16.[illegible]	71.[illegible]	21.[illegible]	[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]
16	[illegible]	16.[illegible]	71.[illegible]	22.1	[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]
17	[illegible]	17.2	72.7	22.2	3	[illegible]	19[illegible]	[illegible]	11.2	74	1.1	195[illegible]
18	[illegible]	[illegible]	[illegible]	21.4	[illegible]	21.1	1977	[illegible]	11.[illegible]	[illegible]	[illegible]	1977
19	[illegible]	16.[illegible]	[illegible]	22.[illegible]	[illegible]	[illegible]	1971	[illegible]	11.[illegible]	[illegible]	[illegible]	197[illegible]
20	[illegible]	16.[illegible]	[illegible]	22.1	[illegible]	[illegible]	1[illegible]	[illegible]	11.[illegible]	[illegible]	[illegible]	19[illegible]
21	[illegible]	17.1	[illegible]	22.7	[illegible]	[illegible]	1977	[illegible]	11.[illegible]	[illegible]	[illegible]	19[illegible]
22	[illegible]	17.2	[illegible]	23.2	5	[illegible]	1959	[illegible]	11.[illegible]	[illegible]	[illegible]	1[illegible]
23	[illegible]	17.[illegible]	[illegible]	23.2	7	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	197[illegible]
24	[illegible]	17.[illegible]	[illegible]	22.2	[illegible]	[illegible]	1[illegible]	[illegible]	11.[illegible]	[illegible]	[illegible]	19[illegible]
25	[illegible]	17.4	[illegible]	22.[illegible]	[illegible]	[illegible]	1[illegible]	[illegible]	12.2	[illegible]	[illegible]	1[illegible]
26	[illegible]	17.[illegible]	[illegible]	22.[illegible]	[illegible]	1.1	1[illegible]	[illegible]	1[illegible]	41	[illegible]	1[illegible]
27	[illegible]	17.[illegible]	71.7	22.1	8	1.7	19[illegible]	[illegible]	11.[illegible]	37	[illegible]	19[illegible]
28	[illegible]	17.7	[illegible]	23.7	[illegible]	[illegible]	19[illegible]	[illegible]	12.[illegible]	43	[illegible]	19[illegible]
29	[illegible]	1[illegible]	[illegible]	21.[illegible]	[illegible]	[illegible]	1[illegible]	5.4	1[illegible]	[illegible]	[illegible]	1[illegible]
30	[illegible]	17.[illegible]	[illegible]	22.[illegible]	[illegible]	1.1	1[illegible]	54.[illegible]	1[illegible]	[illegible]	[illegible]	1[illegible]
31	[illegible]	[illegible]	[illegible]	24.[illegible]	[illegible]	[illegible]	195[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]	19[illegible]
MONTH	[illegible]	[illegible]	[illegible]	21.[illegible]	[illegible]	3.7	1[illegible]	[illegible]	1[illegible]	[illegible]	-1.7	197[illegible]

*ALSO ON EARLIER YEARS

DAILY AVERAGE/EXTREME TEMPERATURES

	MINIMUM TEMP AVERAGE		MAXIMUM TEMP AVERAGE		MAXIMUM TEMP EXTREME			MINIMUM TEMP AVERAGE		MINIMUM TEMP EXTREME		
	F	C	F	C	F	C	DATE	F	C	F	C	DATE
1	[illegible]	[illegible]	[illegible]	24.	[illegible]	[illegible]	[illegible]	[illegible]	14.	[illegible]	[illegible]	194[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1978	[illegible]	14.	47	7.2	[illegible]
3	[illegible]	[illegible]	[illegible]	24.	8	[illegible]	1970	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4[illegible]	7.2	[illegible]
5	[illegible]	[illegible]	77.7	[illegible]	[illegible]	31.1	[illegible]	57.	14.1	47	[illegible]	1945
6	[illegible]	[illegible]	[illegible]	25.	81	[illegible]	[illegible]	57.4	14.1	44	[illegible]	194[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	9	32.	1971	[illegible]	14.7	[illegible]	[illegible]	197[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	32.	1971	57.6	[illegible]	4[illegible]	7.2	1977
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	34.4	[illegible]	59.6	[illegible]	4[illegible]	7.2	1957
10	[illegible]	[illegible]	77.	[illegible]	[illegible]	34.4	[illegible]	[illegible]	14.5	46	7.8	1972
11	[illegible]	.2	[illegible]	[illegible]	[illegible]	32.	1973	57.7	[illegible]	[illegible]	[illegible]	1972
12	[illegible]	1.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	59.[illegible]	[illegible]	44	[illegible]	196[illegible]
13	[illegible]	[illegible]	77.7	[illegible]	9	[illegible]	[illegible]	[illegible]	15.7	[illegible]	[illegible]	193[illegible]
14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1958	[illegible]	14.5	47	7.2	1972
15	[illegible]	[illegible]	[illegible]	[illegible]	9	[illegible]	1937	[illegible]	[illegible]	46	7.8	1973
16	[illegible]	1.1	[illegible]	[illegible]	[illegible]	[illegible]	1957	[illegible]	[illegible]	[illegible]	[illegible]	197[illegible]
17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1957	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1957	[illegible]	[illegible]	[illegible]	[illegible]	19[illegible]
19	[illegible]	[illegible]	[illegible]	[illegible]	91	32.	1957	[illegible]	[illegible]	[illegible]	[illegible]	195[illegible]
20	[illegible]	1.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	45	7.8	195[illegible]
21	[illegible]	[illegible]	[illegible]	[illegible]	9	[illegible]	[illegible]	61.[illegible]	[illegible]	[illegible]	[illegible]	196[illegible]
22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1977
23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	61.	[illegible]	[illegible]	[illegible]	1972
24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	61.7	[illegible]	[illegible]	11.7	1972
25	[illegible]	[illegible]	[illegible]	[illegible]	97	[illegible]	[illegible]	64.	[illegible]	[illegible]	[illegible]	[illegible]
26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1932	[illegible]	[illegible]	[illegible]	11.1	[illegible]
27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49	[illegible]	1965
28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	197[illegible]
30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31												
Monthly	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1972

*ALSO ON EARLIER YEARS

NAVAL WEATHER SERVICE DETACHMENT
[illegible] NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

[illegible]
YEARS
MONTH

DAY	[illegible] TEMP AVERAGE F	C	MAXIMUM TEMP AVERAGE F	C	MAXIMUM TEMP EXTREME F	C	DATE	MINIMUM TEMP AVERAGE F	C	MINIMUM TEMP EXTREME F	C	DATE
1	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	64.7	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	23.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	17.7	[illegible]	11.1	[illegible]
3	[illegible]	23.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.7	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	17.6	[illegible]	[illegible]	[illegible]
5	[illegible]	22.4	[illegible]	27.4	97	[illegible]	[illegible]	[illegible]	17.4	[illegible]	11.1	[illegible]
6	[illegible]	[illegible]	[illegible]	27.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	22.4	[illegible]	27.	[illegible]	33.	1971	[illegible]	[illegible]	[illegible]	11.7	[illegible]
8	[illegible]	23.3	[illegible]	[illegible]	[illegible]	[illegible]	1971	[illegible]	17.7	[illegible]	11.7	[illegible]
9	[illegible]	23.	[illegible]	[illegible]	[illegible]	33.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11	[illegible]	23.1	[illegible]	[illegible]	97	33.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	[illegible]	23.4	[illegible]	[illegible]	[illegible]	34.4	[illegible]	[illegible]	17.9	[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14	[illegible]	[illegible]	[illegible]	[illegible]	97	[illegible]	[illegible]	66.7	[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]	23.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	[illegible]	24.	[illegible]	[illegible]	[illegible]	[illegible]	1977	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17	[illegible]	[illegible]	[illegible]	[illegible]	97	[illegible]	[illegible]	66.1	[illegible]	[illegible]	[illegible]	[illegible]
18	[illegible]	24.	[illegible]	[illegible]	[illegible]	[illegible]	1953	67.3	[illegible]	[illegible]	14.4	[illegible]
19	7.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1977	67.7	[illegible]	[illegible]	[illegible]	[illegible]
20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21	[illegible]	24.4	[illegible]	[illegible]	[illegible]	[illegible]	1957	[illegible]	[illegible]	[illegible]	11.1	[illegible]
22	[illegible]	24.1	4.7	29.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
23	[illegible]	24.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24	[illegible]	[illegible]	[illegible]	[illegible]	91	32.	[illegible]	[illegible]	[illegible]	[illegible]	14.4	[illegible]
25	[illegible]	23.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64.	[illegible]	[illegible]	11.7	[illegible]
26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64.	[illegible]	[illegible]	[illegible]	[illegible]
27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1977
28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	23.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	17.3	[illegible]
30	[illegible]	23.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31	[illegible]	[illegible]	4.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Monthly	[illegible]	23.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

*ALSO ON EARLIER YEARS

2

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION: [illegible] | STATION NAME: [illegible] | YEARS: [illegible] | MONTH: [illegible]

DAY	MEAN TEMP AVERAGE F	MEAN TEMP AVERAGE C	MAXIMUM TEMP AVERAGE F	MAXIMUM TEMP AVERAGE C	MAXIMUM TEMP EXTREME F	MAXIMUM TEMP EXTREME C	MAXIMUM TEMP DATE	MINIMUM TEMP AVERAGE F	MINIMUM TEMP AVERAGE C	MINIMUM TEMP EXTREME F	MINIMUM TEMP EXTREME C	MINIMUM TEMP DATE
1	[illegible]	23.	[illegible]	28.[illegible]	[illegible]	32.[illegible]	[illegible]	66.[illegible]	19.[illegible]	[illegible]	14.4	1981
2	[illegible]	23.[illegible]	[illegible]	28.1	[illegible]	37.[illegible]	1955	65.[illegible]	18.4	[illegible]	12.2	1947
3	[illegible]	23.[illegible]	[illegible].1	28.4	[illegible]	37.[illegible]	1975*	65.9	18.8	[illegible]	12.2	1953
4	[illegible]	23.1	[illegible].3	27.[illegible]	91	32.[illegible]	1980	64.7	18.2	[illegible]	11.1	1981
5	[illegible]	22.[illegible]	[illegible]1.6	27.6	97	36.1	19[illegible]5	64.7	18.2	[illegible]	8.9	1981
6	[illegible]	22.[illegible]	[illegible]2.[illegible]	27.3	9[illegible]	36.7	1955	6[illegible].7	17.4	[illegible]1	10.6	1981
7	[illegible]	23.[illegible]	[illegible]2.5	28.1	[illegible]	33.7	1955*	64.2	17.9	[illegible]3	11.7	1957
8	[illegible]	23.[illegible]	[illegible]2.9	28.3	[illegible]	33.[illegible]	1987*	65.7	18.7	[illegible]	1[illegible].3	195[illegible]
9	[illegible]	23.[illegible]	[illegible]3.3	28.5	[illegible]	3[illegible].	1949	66.6	19.2	[illegible]	1[illegible].	1955
10	[illegible]	24.1	[illegible]4.2	29.[illegible]	97	36.1	1949	66.4	19.1	[illegible]4	12.2	1972
11	[illegible]	23.2	[illegible]2.9	28.3	97	36.1	1949	64.9	18.1	4[illegible]	8.9	1972
12	[illegible]	22.[illegible]	1[illegible]	27.5	[illegible]	32.[illegible]	1959	64.[illegible]	17.8	[illegible]4	12.2	1965*
13	[illegible]	22.2	1[illegible]	27.2	[illegible]	33.7	1947	6[illegible].[illegible]	17.2	[illegible]1	1[illegible].6	1957
14	[illegible]	23.1	3[illegible]	28.3	[illegible]	33.3	1959	64.2	17.9	[illegible]2	11.1	1957
15	[illegible]	23.[illegible]	[illegible]3.3	28.[illegible]	93	33.[illegible]	1959*	[illegible]4.9	18.[illegible]	[illegible]6	13.3	1979
16	[illegible]	23.3	3.3	23.5	93	33.[illegible]	1959*	64.7	18.2	[illegible]3	11.7	1979
17	[illegible]	22.7	[illegible]1.7	27.6	93	33.	1959	6[illegible].[illegible]	17.7	[illegible]6	7.8	1979
18	[illegible]	22.1	[illegible].9	27.[illegible]	9[illegible]	33.[illegible]	1956	6[illegible].7	17.1	[illegible]1	1[illegible].6	1981
19	[illegible]	22.[illegible]	1.0	27.5	91	32.[illegible]	1955*	[illegible]2.7	17.1	[illegible]2	11.1	1981*
20	[illegible]	22.4	1.3	27.5	94	34.4	1955	6[illegible].	17.2	51	1[illegible].6	1949
21	[illegible]	21.	[illegible].6	27.[illegible]	[illegible]	34.4	1955	61.2	16.2	4[illegible]	[illegible].4	1977
22	[illegible]1.2	21.	[illegible].3	27.1	91	32.[illegible]	1959	[illegible]1.7	16.5	4[illegible]	9.4	1972
23	[illegible]	21.3	78.8	26.5	88	31.[illegible]	1947	6[illegible].9	1[illegible].1	49	[illegible].4	1952
24	[illegible]	21.4	[illegible].3	26.[illegible]	91	32.[illegible]	1947	6[illegible].9	1[illegible].1	47	8.[illegible]	1952
25	[illegible]	22.1	1.7	27.6	96	34.4	1945	61.7	16.5	[illegible]	10.0	1946
26	[illegible]	22.3	2.3	27.[illegible]	9[illegible]	3[illegible].7	1949	6[illegible].1	16.7	51	10.6	1977
27	[illegible]	23.1	3.5	28.4	9[illegible]	34.7	1949	63.7	17.6	[illegible]3	11.7	1963
28	[illegible].5	23.[illegible]	4.2	29.[illegible]	98	3[illegible].7	1953	64.7	18.2	4[illegible]	8.9	1965
29	[illegible]	23.4	4.0	28.9	9[illegible]	[illegible].7	1953	64.3	17.9	43	6.1	1982
30	[illegible]	23.	[illegible]3.9	29.[illegible]	[illegible]	[illegible].	1953	64.7	18.2	4[illegible]	8.9	1965
31	[illegible]	22.[illegible]	[illegible]1.4	27.4	100	[illegible].	1953	63.[illegible]	17.[illegible]	45	7.2	1965
Monthly	[illegible]	22.[illegible]	[illegible]2.3	27.	1[illegible]	37.9	1953	63.	17.7	[illegible]3	[illegible].1	1982

*ALSO ON EARLIER YEARS

2

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION | STATION NAME | YEARS | MONTH

DAY	MEAN TEMP AVERAGE F	MEAN TEMP AVERAGE C	MAXIMUM TEMP AVERAGE F	MAXIMUM TEMP AVERAGE C	MAXIMUM TEMP EXTREME F	MAXIMUM TEMP EXTREME C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE F	MINIMUM TEMP AVERAGE C	MINIMUM TEMP EXTREME F	MINIMUM TEMP EXTREME C	MINIMUM TEMP EXTREME DATE
1	[illegible]	22.[illegible]	1.9	27.7	9[illegible]	3[illegible]	19[illegible]*	63.3	17.4	[illegible]	[illegible]	1967
2	[illegible]	22.2	1.3	27.[illegible]	102	3[illegible].9	1953	63.1	17.3	4[illegible]	8.9	197[illegible]
3	[illegible]	21.[illegible]	[illegible].4	26.[illegible]	9[illegible]	36.7	1953	61.3	16.3	44	6.7	1967
4	[illegible]	21.4	[illegible].3	[illegible]6.	9[illegible]	33.3	1973*	60.[illegible]	1[illegible].1	32	11.1	1952
5	[illegible]	21.[illegible]	[illegible].3	27.1	9[illegible]	[illegible]3.3	1961	61.3	16.3	4[illegible]	9.4	1972
6	[illegible]	21.4	[illegible].8	26.6	8[illegible]	31.7	1971*	61.1	16.2	49	9.4	1949
7	[illegible]	[illegible].7	[illegible].8	25.[illegible]	8[illegible]	31.7	1954	6[illegible].0	1[illegible].6	[illegible]	10.0	1976
8	[illegible]	22.4	[illegible].[illegible]	25.6	88	31.1	1959	59.6	1[illegible].3	47	8.3	1951
9	[illegible]	19.[illegible]	76.[illegible]	24.[illegible]	9[illegible]	34.4	1959	58.3	14.6	45	7.3	195[illegible]
10	[illegible]	19.7	77.[illegible]	25.1	89	31.7	1965*	57.5	14.2	45	7.2	1954
11	[illegible]	19.7	77.1	25.1	91	32.[illegible]	1961	57.7	14.3	45	7.2	1969
12	[illegible]	19.[illegible]	77.[illegible]	25.1	9[illegible]	33.[illegible]	1961*	57.2	14.	44	6.7	1958
13	[illegible]	19.5	77.5	25.3	9[illegible]	33.[illegible]	1952	56.7	13.7	43	6.1	1967
14	67.	19.9	77.[illegible]	25.1	83	31.1	1976	58.7	14.8	44	6.7	1973
15	[illegible].1	1[illegible].9	7[illegible].5	24.2	8[illegible]	31.1	1970	56.[illegible]	13.8	41	5.0	1975
16	6.1	19.9	75.4	24.1	91	32.	197[illegible]	56.[illegible]	1[illegible].8	44	6.7	1956
17	5.7	18.7	75.1	23.[illegible]	87	3[illegible].6	1972	56.3	13.5	40	4.4	1959
18	6.[illegible]	1[illegible].9	75.5	24.2	8[illegible]	31.1	1965*	56.6	13.7	4[illegible]	4.4	195[illegible]
19	5.4	18.6	74.7	23.7	8[illegible]	31.1	1965	56.1	13.4	3[illegible]	3.9	1959
20	[illegible]	19.3	73.7	23.2	86	30.0	1955	56.2	13.4	3[illegible]	3.9	1973
21	[illegible]4.	18.2	73.1	22.[illegible]	87	30.6	1980*	56.4	13.6	41	5.[illegible]	1956
22	[illegible].1	17.8	73.3	22.[illegible]	91	32.[illegible]	1970	54.9	12.7	43	6.1	1946
23	[illegible]	16.7	71.3	21.	91	32.[illegible]	1970	52.7	11.5	4[illegible]	4.4	1967*
24	[illegible].7	15.9	[illegible].[illegible]	21.2	91	32.[illegible]	1970	51.3	10.7	[illegible]	3.3	1974*
25	1.7	16.5	7[illegible].9	21.[illegible]	91	32.6	1970	52.5	11.4	[illegible]	3.3	195[illegible]
26	[illegible]1.	16.6	72.	22.2	[illegible]	32.2	1953	51.6	11.0	3	3.3	195[illegible]
27	[illegible]1.	16.4	71.2	21.	87	3[illegible].3	1946	51.8	11.0	34	1.1	1957
28	[illegible].7	1[illegible].5	[illegible].7	21.[illegible]	84	2[illegible].9	1959	52.[illegible]	11.5	33	1.7	1957
29	[illegible]	15.8	67.3	21.[illegible]	[illegible]6	3[illegible].[illegible]	194[illegible]	51.1	1[illegible].6	35	1.7	1951
30	[illegible].7	1[illegible].4	[illegible].7	22.1	8[illegible]	[illegible].4	1953	51.1	1[illegible].6	37	2.8	1971
31												
Monthly	[illegible].1	1[illegible].9	[illegible].	24.[illegible]	102	3[illegible].[illegible]	19[illegible]7	56.7	13.7	34	1.1	1957

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

DAILY AVERAGE/EXTREME TEMPERATURES

DAY	[illegible] AVERAGE F	[illegible] AVERAGE C	[illegible] AVERAGE F	[illegible] AVERAGE C	[illegible] EXTREME F	[illegible] EXTREME C	DATE	[illegible] AVERAGE F	[illegible] AVERAGE C	[illegible] EXTREME F	[illegible] EXTREME C	DATE
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.[illegible]	[illegible]	[illegible]	19[illegible].7
2	[illegible]	[illegible]	[illegible]	21.1	[illegible]	[illegible]	196[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	197[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.7	197[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	195[illegible]	[illegible]	[illegible]	[illegible]	1.1	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.6	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.1	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.7	197[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.6	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-1.1	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47.4	[illegible]	[illegible]	.6	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.1	[illegible]
14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	46.1	[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47.1	[illegible]	[illegible]	1.1	[illegible]
16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.6	[illegible]
17	[illegible]	[illegible]	[illegible]	[illegible]	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.6	[illegible]
18	[illegible]	[illegible]	[illegible]	[illegible]	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-1.7	[illegible]
19	[illegible]	[illegible]	[illegible]	[illegible]	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	[illegible]	[illegible]	[illegible]	16.	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-1.7	[illegible]
21	[illegible]	11.4	[illegible]	17.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22	[illegible]	[illegible]	[illegible]	17.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
23	[illegible]	[illegible]	[illegible]	17.	[illegible]	[illegible]	[illegible]	44.	7.1	[illegible]	-1.7	[illegible]
24	[illegible]	11.[illegible]	1.7	[illegible]	7	[illegible]	[illegible]	44.	7.1	[illegible]	-3.[illegible]	[illegible]
25	[illegible]	[illegible]	[illegible]	[illegible]	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.6	[illegible]
26	[illegible]	[illegible]	[illegible]	[illegible]	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27	[illegible]	[illegible]	[illegible]	[illegible]	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
28	[illegible]	[illegible]	[illegible]	[illegible]	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Monthly	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.7	[illegible]	[illegible]	[illegible]

*ALSO ON EARLIER YEARS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

[illegible] STATION NAME | [illegible] YEARS | [illegible] MONTH

DAY	MEAN TEMP AVERAGE F	MEAN TEMP AVERAGE C	MAXIMUM TEMP AVERAGE F	MAXIMUM TEMP AVERAGE C	MAXIMUM TEMP EXTREME F	MAXIMUM TEMP EXTREME C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE F	MINIMUM TEMP AVERAGE C	MINIMUM TEMP EXTREME F	MINIMUM TEMP EXTREME C	MINIMUM TEMP EXTREME DATE
1	[illegible]	11.4	[illegible]	1[illegible].1	[illegible]	[illegible]	1[illegible]	44.1	[illegible].7	[illegible]	-[illegible]	1[illegible]
2	[illegible]	1[illegible]	[illegible].1	1[illegible].7	[illegible]	[illegible]	1[illegible]	4[illegible].[illegible]	7.3	[illegible]	-[illegible]	1[illegible]
3	[illegible]	11.[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]	1[illegible]	44.7	7.1	[illegible]	-[illegible]	1[illegible]
4	[illegible]	1[illegible]	[illegible]	14.7	[illegible]	[illegible]	1[illegible]	44.3	6.[illegible]	[illegible]	-[illegible]	1[illegible]
5	[illegible]	[illegible]	[illegible]	1[illegible]	77	[illegible]	1[illegible]	4[illegible]	4.7	[illegible]	-4.[illegible]	1[illegible]
6	[illegible]	7.[illegible]	[illegible]	1[illegible]	[illegible]	24.4	1[illegible]	37.1	[illegible]	[illegible]	-4.4	1967
7	[illegible]	[illegible].1	[illegible]	12.	7[illegible]	[illegible]	1[illegible]	38.3	3.[illegible]	[illegible]	-[illegible]	1[illegible]
8	[illegible]	[illegible]	[illegible].4	1[illegible]	76	24.4	1[illegible]	33.[illegible]	[illegible].7	[illegible]	-4.4	1967
9	[illegible]	[illegible]	[illegible].6	1[illegible]	7[illegible]	[illegible]	1[illegible]	[illegible]	[illegible].4	1[illegible]	-7.[illegible]	1[illegible]
10	45.	7.6	[illegible].1	11.7	7[illegible]	31.1	1[illegible]	[illegible].1	[illegible].4	[illegible]	-2.	19[illegible]
11	4.1	[illegible].7	[illegible].1	11.[illegible]	[illegible]	[illegible]	1[illegible]	36.1	[illegible].3	[illegible]	-[illegible]	1[illegible]
12	[illegible]	[illegible].1	[illegible].7	1[illegible]	67	19.4	1[illegible]	[illegible]	[illegible]	[illegible]	-3.[illegible]	1957
13	4[illegible]	7.[illegible]	[illegible].1	11.7	71	[illegible].1	1953	37.[illegible]	[illegible]	[illegible]	-[illegible]	1954
14	[illegible]	[illegible].1	[illegible]	12.7	[illegible]	22.[illegible]	1953	[illegible].1	[illegible].4	[illegible]	-4.[illegible]	1977
15	4.	7.[illegible]	[illegible]	11.[illegible]	7[illegible]	24.4	1973	[illegible].4	[illegible]	[illegible]	-6.1	1967
16	4.	[illegible]	[illegible]	11.[illegible]	6[illegible]	[illegible]	1[illegible]	36.	[illegible]	1[illegible]	-7.2	1967
17	4.	[illegible].7	7.4	11.[illegible]	6[illegible]	27.[illegible]	19[illegible]	35.6	[illegible]	[illegible]	-5.6	19[illegible]
18	4.	6.9	[illegible].4	11.3	71	21.7	1953	36.7	[illegible]	1[illegible]	-7.8	19[illegible]
19	4.	5.	[illegible].4	11.7	7[illegible]	21.1	1[illegible]	35.[illegible]	[illegible].2	[illegible]	-5.6	1[illegible]
20	[illegible]	[illegible]	51.1	10.[illegible]	5[illegible]	[illegible]	1[illegible]	35.3	1.[illegible]	[illegible]	-6.1	19[illegible]
21	[illegible]	[illegible].6	4[illegible].7	9.8	6[illegible]	[illegible]	1[illegible]	34.[illegible]	1.7	1[illegible]	-7.9	19[illegible]
22	[illegible]	[illegible].1	9[illegible]	[illegible].9	6[illegible]	1[illegible]	1[illegible]	34.[illegible]	1.4	1[illegible]	-7.8	19[illegible]
23	[illegible]	4.7	[illegible]	9.4	6[illegible]	[illegible]	1[illegible]	31.[illegible]	-.[illegible]	[illegible]	-6.7	197[illegible]
24	[illegible]	[illegible].6	[illegible]	1[illegible].7	[illegible]	[illegible]	1[illegible]	[illegible]	1.[illegible]	1[illegible]	-[illegible]	19[illegible]
25	[illegible]	4.	[illegible]	9.	71	21.7	1973	[illegible]	[illegible]	1[illegible]	-7.[illegible]	19[illegible]
26	[illegible]	4.[illegible]	[illegible].5	9.[illegible]	6[illegible]	19.4	1[illegible]	[illegible].1	[illegible]	1[illegible]	-7.[illegible]	19[illegible]
27	[illegible]	[illegible].4	[illegible].5	9.[illegible]	6[illegible]	[illegible].7	1[illegible]	[illegible].4	[illegible]	[illegible]	-6.1	19[illegible]
28	[illegible]	4.[illegible]	[illegible].7	9.[illegible]	6[illegible]	[illegible]	1[illegible]	[illegible].6	[illegible]	1[illegible]	-[illegible].9	19[illegible]
29	[illegible].1	[illegible]	4.[illegible]	[illegible].7	[illegible]	[illegible]	19[illegible]	[illegible].1	-1.1	17	-1[illegible].6	19[illegible]
30	[illegible]	1.9	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible]	[illegible]	-1.7	17	-1[illegible].8	1976
31												
Monthly	4.	7.	[illegible]	11.4	[illegible]	[illegible]	1[illegible]	36.7	[illegible]	1[illegible]	-1[illegible].6	1[illegible]

*ALSO ON EARLIER YEARS

DAILY AVERAGE/EXTREME TEMPERATURES

DAY	MEAN TEMP AVERAGE F	MEAN TEMP AVERAGE C	MAXIMUM TEMP AVERAGE F	MAXIMUM TEMP AVERAGE C	MAXIMUM TEMP EXTREME F	MAXIMUM TEMP EXTREME C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE F	MINIMUM TEMP AVERAGE C	MINIMUM TEMP EXTREME F	MINIMUM TEMP EXTREME C	MINIMUM TEMP EXTREME DATE
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-1.[illegible]	1	-11.1	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-1.[illegible]	[illegible]	-14.4	[illegible]
3	[illegible]	[illegible]	[illegible]	7.[illegible]	6[illegible]	[illegible]	[illegible]	[illegible]	-1.[illegible]	[illegible]	-1[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	-1[illegible].2	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	7[illegible]	-1.[illegible]	[illegible]	[illegible]	[illegible]	1	-[illegible].8	[illegible]
6	[illegible]	[illegible]	47.[illegible]	[illegible]	6[illegible]	[illegible]	[illegible]	31.[illegible]	-[illegible]	1[illegible]	-[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible].4	[illegible]	7[illegible]	-1.1	[illegible]	[illegible]	-[illegible]	1	-[illegible].4	[illegible]
8	[illegible]	[illegible]	4[illegible].3	7.[illegible]	[illegible]	[illegible]	[illegible]	31.[illegible]	-[illegible]	1[illegible]	-1[illegible]	[illegible]
9	[illegible]	[illegible]	49.[illegible]	[illegible].1	[illegible]	[illegible]	[illegible]	[illegible]	-1.1	[illegible]	-1[illegible].5	[illegible]
10	[illegible]	[illegible]	43.2	[illegible]	7	1.1	[illegible]	[illegible]	-1.[illegible]	1[illegible]	-1[illegible].2	[illegible]
11	[illegible]	1.[illegible]	41.6	[illegible]	6[illegible]	1[illegible].2	[illegible]	[illegible]	-[illegible]		-1[illegible]	[illegible]
12	[illegible]	1.[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible]	17.[illegible]	[illegible]	[illegible].1	-2.[illegible]		-1[illegible]	[illegible]
13	[illegible]	[illegible].1	43.2	[illegible]	[illegible]	[illegible].1	[illegible]	[illegible]	-[illegible].1	7	-1[illegible]	[illegible]
14	[illegible]	[illegible]	[illegible].1	4.[illegible]	[illegible]	1[illegible]	1977	[illegible]	-[illegible]	1	-1[illegible].2	[illegible]
15	[illegible]	[illegible]	[illegible].1	4.[illegible]	6[illegible]	1[illegible]	[illegible]	[illegible]	-[illegible].2	14	-1[illegible]	[illegible]
16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	17.[illegible]	1971	[illegible]	-[illegible].1	[illegible]	-1[illegible]	1971
17	[illegible]	-.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-[illegible]	-1	-1[illegible].3	[illegible]
18	[illegible]	-.[illegible]	[illegible].4	[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]	-[illegible]	-1	-1[illegible].3	[illegible]
19	[illegible]	-[illegible]	7[illegible].7	[illegible]	[illegible]	[illegible].1	[illegible]	[illegible]	-4.4	1[illegible]	-1[illegible].2	[illegible]
20	[illegible]	-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-[illegible]	[illegible]	-1[illegible].3	[illegible]
21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-[illegible]		-1[illegible].8	[illegible]
22	[illegible]	-.1	[illegible].4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-[illegible]		-1[illegible]	[illegible]
23	[illegible]	[illegible]	[illegible]	4.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-[illegible]		-1[illegible].0	[illegible]
24	[illegible]	[illegible]	[illegible]	4.[illegible]	[illegible]	14.4	[illegible]	[illegible]	-[illegible]	7	-1[illegible]	[illegible]
25	[illegible]	[illegible]	[illegible].4	4.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-[illegible].7	-[illegible]	-1[illegible].9	[illegible]
26	[illegible]	[illegible]	[illegible].4	4.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-[illegible]	-1	-1[illegible].7	[illegible]
27	[illegible]	-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].1	-4.4	[illegible]	-1[illegible].1	[illegible]
28	[illegible]	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-[illegible]	[illegible]	-1[illegible].4	[illegible]
29	[illegible]	[illegible]	[illegible]	4.[illegible]	[illegible]	[illegible]	[illegible]	[illegible].4	-[illegible]	11	-11.7	1977
30	[illegible]	[illegible]	[illegible].1	4.[illegible]		[illegible]	[illegible]	[illegible]	-[illegible].1		-14.4	[illegible]
31	[illegible]	[illegible]	[illegible]	4.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-[illegible]	11	-11.7	1976
Monthly	[illegible]	1.[illegible]	[illegible]	[illegible]	7[illegible]	[illegible].1	[illegible]	[illegible]	-[illegible]	-	-1[illegible]	[illegible]

*ALSO ON EARLIER YEARS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible]
FROM DAILY OBSERVATIONS

[illegible]
STATION

[illegible]
STATION NAME

4 -[illegible]
YEARS

[illegible] DEGREES FAHRENHEIT

YEAR / MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
4				[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		[illegible]		
[illegible]		[illegible]	[illegible]			[illegible]		[illegible]		[illegible]			
[illegible]		[illegible]		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]				
		[illegible]	[illegible]	76	[illegible]		[illegible]	[illegible]	[illegible]		[illegible]		
		[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55	
[illegible]	[illegible]	64	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		
[illegible]	61	[illegible]	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	68	[illegible]	[illegible]	94	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	71	[illegible]	[illegible]	[illegible]	91	100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	76	[illegible]	[illegible]	[illegible]	102	[illegible]	[illegible]	76	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	54	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	74	[illegible]	[illegible]	97	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	72	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]											
[illegible]		[illegible]	[illegible]	79	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75	[illegible]	[illegible]	
6	[illegible]	[illegible]	66	77	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	76	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	57	69	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	47	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	
[illegible]	[illegible]	[illegible]	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	57	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	61	[illegible]	74	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77	[illegible]	[illegible]
	[illegible]	[illegible]	73	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	67	[illegible]	76	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	75	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN													
S D													
TOTAL OBS													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible] TEMPERAT[illegible]
FROM DAILY OBSERVATIONS

STATION: [illegible]
STATION NAME: [illegible]
YEARS: 4 -6 , [illegible]

[illegible]

YEAR \ MONTH	JAN	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64	[illegible]
[illegible]	[illegible]	[illegible]	63	77	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	77	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71	[illegible]
MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.565	[illegible]	[illegible]	[illegible]
TOTAL OBS.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible]
FROM DAILY OBSERVATIONS

STATION: [illegible]
STATION NAME: [illegible]
YEARS: [illegible]

[illegible]
[illegible] LESS THAN FULL [illegible]

MONTH / YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP	OCT	NOV.	DEC	ALL MONTHS
[illegible]		[illegible]	[illegible]			[illegible]				[illegible]		[illegible]	[illegible]
[illegible]	[illegible]			[illegible]	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]							[illegible]	[illegible]		[illegible]
	[illegible]					[illegible]				[illegible]		[illegible]	[illegible]
[illegible]	[illegible]		[illegible]		[illegible]		[illegible]					[illegible]	[illegible]
[illegible]	[illegible]												[illegible]
[illegible]										[illegible]		[illegible]	[illegible]
[illegible]								[illegible]					[illegible]
[illegible]			[illegible]										[illegible]
[illegible]	[illegible]												[illegible]
[illegible]											[illegible]		[illegible]
						[illegible]							[illegible]
												[illegible]	[illegible]
MEAN													
S D													
TOTAL OBS													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION: [illegible]
STATION NAME: [illegible]
YEARS: [illegible]

IN DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT	NOV.	DEC	ALL MONTHS
[illegible]				[illegible]	[illegible]		5	[illegible]	[illegible]		[illegible]		
[illegible]		[illegible]	[illegible]			[illegible]		[illegible]		[illegible]			
[illegible]		[illegible]		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]				
			[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		[illegible]		
[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	[illegible]			
[illegible]			[illegible]	[illegible]	[illegible]	44	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]		
[illegible]	5	14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
3	[illegible]	14	15	3	[illegible]	47	[illegible]	[illegible]	[illegible]		[illegible]	11	
4	1		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	44		[illegible]	[illegible]	
5	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	17	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	17	[illegible]	
[illegible]	1	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	9	[illegible]	[illegible]	32	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11	[illegible]
[illegible]	[illegible]	[illegible]											
[illegible]		[illegible]	[illegible]	[illegible]	41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14	
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	44	[illegible]	[illegible]	44	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	1-	[illegible]	15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	
[illegible]	9	[illegible]	17	24	[illegible]	45	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12	[illegible]
[illegible]	[illegible]	[illegible]	17	[illegible]	35	[illegible]		[illegible]	[illegible]	3	17	14	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	41	[illegible]	17	[illegible]
[illegible]	3	[illegible]	[illegible]	23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	17	[illegible]	42	[illegible]	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	4	[illegible]	[illegible]	[illegible]	[illegible]	47	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN													
S D													
TOTAL OBS.													

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible]
FROM DAILY OBSERVATIONS

[illegible]
STATION

[illegible]
STATION NAME

[illegible]
YEARS

[illegible]

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
7	[illegible]		24	24	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]			23	[illegible]	46	[illegible]	[illegible]	39	[illegible]	[illegible]	15	[illegible]
[illegible]	[illegible]	[illegible]	19	25	29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	17	[illegible]
	15	[illegible]	[illegible]	[illegible]	[illegible]	51	[illegible]	[illegible]	43	71	[illegible]		
[illegible]	[illegible]	7	15	25	37	49	[illegible]	[illegible]	41	[illegible]	[illegible]	11	[illegible]
[illegible]	[illegible]	[illegible]	13	13	43	51	[illegible]	43	[illegible]	29	[illegible]	9	[illegible]
MEAN	[illegible]	7.[illegible]	1[illegible].1	[illegible].[illegible]	[illegible].6	47.[illegible]	[illegible].3	51.7	41.[illegible]	30.7	[illegible].1	12.1	1.[illegible]
S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.237	[illegible]	[illegible]	[illegible]	4.150	[illegible]	4.[illegible]	[illegible]
TOTAL OBS.	[illegible]	[illegible]	[illegible]	1027	[illegible]	[illegible]	[illegible]	[illegible]	1023	[illegible]	[illegible]	[illegible]	[illegible]

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible] TEMPERATURE
FROM DAILY OBSERVATIONS

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible]

[illegible] DEGREES FAHRENHEIT
[illegible] THAN FULL MONTHS

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]		[illegible]	[illegible]			[illegible]				[illegible]		[illegible]	MIN. TEMP.
		[illegible]	[illegible]			[illegible]				[illegible]		[illegible]	DAYS
	[illegible]			[illegible]	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	MIN. TEMP.
	[illegible]			[illegible]	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]	DAYS
[illegible]	[illegible]		[illegible]							[illegible]	[illegible]		MIN. TEMP.
	[illegible]		[illegible]							[illegible]	[illegible]		DAYS
	[illegible]					[illegible]						[illegible]	MIN. TEMP.
	[illegible]					[illegible]				[illegible]		[illegible]	DAYS
[illegible]	[illegible]		[illegible]		[illegible]		[illegible]					[illegible]	MIN. TEMP.
	[illegible]		[illegible]		[illegible]		[illegible]					[illegible]	DAYS
[illegible]	[illegible]												MIN. TEMP.
	[illegible]												DAYS
1										[illegible]		[illegible]	MIN. TEMP.
										[illegible]		[illegible]	DAYS
[illegible]											[illegible]	[illegible]	MIN. TEMP.
											[illegible]	[illegible]	DAYS
[illegible]										[illegible]			MIN. TEMP.
										[illegible]			DAYS
4										[illegible]			MIN. TEMP.
										[illegible]			DAYS
5								[illegible]					MIN. TEMP.
								[illegible]					DAYS
[illegible]					[illegible]								MIN. TEMP.
					[illegible]								DAYS
[illegible]			[illegible]										MIN. TEMP.
			[illegible]										DAYS
5	[illegible]												MIN. TEMP.
	[illegible]												DAYS
[illegible]											[illegible]		MIN. TEMP.
											[illegible]		DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible]
(FROM DAILY OBSERVATIONS)

STATION: [illegible]
STATION NAME: [illegible]
YEARS: [illegible]

[illegible]
[illegible]

MONTH / YEAR	JAN	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]							[illegible]						[illegible]
[illegible]												[illegible]	[illegible]
MEAN													
S D													
TOTAL OBS.													

SMOS

2

PSYCHROMETRIC SUMMARY

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: [illegible]

HOURS (L S T): [illegible]

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25	26	27 - 28	29 - 30	≥31	TOTAL D.B	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 67							.1												1	1			
[illegible] / 65			.1				.1												3	3			
[illegible] / 63			.1		.1			.1											3	3			
[illegible] / 61		.1		.1															4	4	3		
[illegible] / 59	.1	.1	.1			.1	.1	.1											9	9	7	5	
[illegible] / 57	.1	.4	.1	.1		.1		.1											11	11	7	5	
[illegible] / 55	.1	.2	.1	.1	.1	.1	.1												19	20	22	15	
[illegible] / 53	.1	.1	.1	.1	.1	.1													13	19	13	17	
[illegible] / 51	.1	.4		.1	.1	.1		.1											19	18	13	7	
[illegible] / 49	.1	.2	.2	.4	.1	.1	.1												28	28	18	11	
[illegible] / 47	.2	.5	.2	.3	.4	.2													44	44	17	19	
[illegible] / 45	.2	.4	.4	.5	.3		.1												46	46	38	19	
44 / 43	.2	.4	.6	.6	.2	.1													52	53	28	22	
[illegible] / 41	.3	.7	.8	1.5	.5	.1													98	98	50	22	
[illegible] / 39	.4	1.1	1.6	1.3	.3	.1													114	114	72	35	
[illegible] / 37	.3	1.9	1.9	1.2	.2														138	138	94	45	
[illegible] / 35	.3	1.8	2.3	1.0	.3														157	157	161	67	
33 / 33	.6	2.1	2.5	1.5	.2														167	167	153	91	
[illegible] / 31	.6	1.7	2.6	1.2	.1														155	155	161	114	
[illegible] / 29	.3	2.3	2.5	1.4															173	173	152	136	
[illegible] / 27	.3	2.2	2.3	.7	.1														163	163	199	122	
[illegible] / 25	.7	2.3	3.1	.6															165	165	159	138	
[illegible] / 23	.3	2.1	2.5	.3															144	144	196	153	
[illegible] / 21	.5	2.5	2.3	.2															138	138	158	139	
[illegible] / 19	.5	3.2	1.7																134	134	155	118	
1[illegible] / 17	.3	3.1	1.4	.1															117	117	136	121	
1[illegible] / 15	.2	3.1	.3																103	103	171	121	
1[illegible] / 13	.1	1.7	.3																57	57	105	143	
1[illegible] / 11	.1	1.9	.2																55	55	55	132	
[illegible]	.1	1.4	.1																47	47	62	137	
[illegible] / 7	.1	1.[illegible]	.1																23	29	42	111	
[illegible]		.3																	16	16	29	99	
[illegible] / 3	.1	.4																	10	10	20	99	
[illegible] / 1	.1	.3																	6	6	6	54	

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤0 F	≥32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

2

STATION

STATION NAME

YEARS

MONTH

HOURS (LST)

WET BULB TEMPERATURE DEPRESSION (F)

Temp F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/-																				12	12	45
/-																					8	44
/-																				4	4	26
/-																				4	4	17
/-																				1	1	9
/-11																						12
/-1																						5
/-1																						3
/-17																						1
/-1																						1
/-21																						247
/-27																						
/-27																						
TOTAL	1	-1.131.717																2473	2479		2479	

Element (X)	Σx²	Σx	x̄	σx	No. Obs.	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	1235737	171119	69.6	16.607	2479	.7	452.2	.3				744.7
Dry Bulb	74.2376	71499	28.8	11.722	2479	2.3	536.3					744.7
Wet Bulb	1.83394	64584	6.1	11.03	2479	57.6	635.7					744.7
Dew Point	177.097	47849	19.2	13.633	2479							

Mean No. of Hours with Temperature

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2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T) 1

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27	28	29	30	31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
67																							
65																							
63																							
61																							
59																							
57																							
55																							
53																							
51																							
49																							
47																							
45																							
43																							
41																							
39																							
37																							
35																							
33																							
31																							
29																							
27																							
25																							
23																							
21																							
19																							
17																							
15																							
13																							
11																							
9																							
7																							
5																							
3																							
1																							

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤0 F	≥32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total

NAVWEASERVCOM

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	TOTAL D.B	TOTAL W.B	Dry Bulb	Wet Bulb	Dew Point
/-	.[illegible]	.																		5	7	[illegible]
/-	.1	.1																		5	[illegible]	[illegible]
/-		.																		1	1	1
/-	.																			1	1	[illegible]
/-																						[illegible]
/-11																						7
/-1[illegible]																						[illegible]
/-1																						[illegible]
/-1[illegible]																						[illegible]
/-21																						1
/-2[illegible]																						1
/-[illegible]																						1
[illegible]	1 .[illegible]	.33	.[illegible]	.[illegible]	.[illegible]	.1	1.[illegible]	.[illegible]	.[illegible]	.1	.[illegible]								2256			224
																		2249			2249	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: 50 F	32 F	67 F	73 F	80 F	93 F	Total
Rel. Hum.	1[illegible]7734	14[illegible]526	[illegible]6.[illegible]	1[illegible].731	224[illegible]							
Dry Bulb	[illegible]67	62243	31.[illegible]	1[illegible].[illegible]	2256	[illegible].4	373.2	1.[illegible]				672.[illegible]
Wet Bulb	[illegible]43[illegible]	62347	27.7	11.8[illegible]	2[illegible]	[illegible].5	456.3					672.[illegible]
Dew Point	1[illegible]2245[illegible]	45143	[illegible].1	13.[illegible]	224[illegible]	4[illegible].7	547.7					672.[illegible]

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PSYCHROMETRIC SUMMARY

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH MAR

PAGE 1

HOURS (L S T)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]									.1									[illegible]	[illegible]		
[illegible]						[illegible]		[illegible]										[illegible]	[illegible]		
[illegible]							[illegible]	[illegible]										[illegible]	[illegible]		
[illegible]						[illegible]		[illegible]		[illegible]								[illegible]	[illegible]		
[illegible]				[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]		
[illegible]						[illegible]	[illegible]	[illegible]			[illegible]							[illegible]	[illegible]		
[illegible] 62			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									13	13	1	
[illegible] 61		.1		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								16	16	3	
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									20	20	[illegible]	
[illegible]		.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								33	33	6	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									44	44	20	[illegible]
[illegible] 52	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									52	52	25	14
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									72	72	43	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]										64	64	[illegible]	29
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]										89	89	56	47
[illegible]	[illegible]	1.2	[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]	[illegible]										125	125	97	[illegible]
[illegible] 47	.6	1.1	1.[illegible]	1.4	[illegible]	[illegible]	.4	[illegible]										154	154	81	[illegible]
[illegible] 45	.2	.9	1.[illegible]	1.1	1.1	1.[illegible]	.4											161	161	117	73
[illegible] 47	.4	1.1	1.[illegible]	1.6	1.3	.7	.2											169	169	123	66
[illegible] 41	1.4	1.3	1.6	1.5	1.[illegible]	.6	[illegible]											187	187	187	[illegible]
[illegible]	.7	1.[illegible]	1.[illegible]	2.[illegible]	1.5	[illegible]												193	193	179	92
[illegible] 37	1.4	1.5	1.6	2.3	1.[illegible]	.4												200	200	208	127
[illegible]	.6	1.7	2.0	1.5	.5	[illegible]												185	185	210	139
[illegible] 33	.6	1.9	2.[illegible]	1.6	.4	[illegible]												169	169	223	139
[illegible] 31	.2	1.5	1.5	1.6	.4													147	147	231	165
[illegible]	.4	.7	1.1	1.1	.1													84	84	166	155
[illegible]	[illegible]	[illegible]	1.2	[illegible]														65	65	112	157
[illegible]	[illegible]	.4	1.4	.4	[illegible]													60	60	97	164
[illegible]		[illegible]	1.1	.1														47	47	74	[illegible]
[illegible] 21	[illegible]	[illegible]	1.[illegible]	.1														34	34	65	11[illegible]
[illegible] 1	[illegible]	[illegible]	[illegible]															14	14	41	122
[illegible] 17	[illegible]	.1	[illegible]																[illegible]	[illegible]	91
[illegible] 1		[illegible]	[illegible]															7	7	11	[illegible]
[illegible] 1[illegible]	[illegible]	[illegible]	[illegible]																[illegible]	[illegible]	74

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

	≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.							
Dry Bulb							
Wet Bulb							
Dew Point							

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PSYCHROMETRIC SUMMARY

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH [illegible] HOURS (L.S.T.) [illegible]

Temp. F	WET BULB TEMPERATURE DEPRESSION F 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Element X	ΣX	ΣX²	X̄	σx	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]				[illegible]
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]

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2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T) 1

Temp. F	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29	30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]													[illegible]	[illegible]					[illegible]	[illegible]		
[illegible]												[illegible]							[illegible]	[illegible]		
[illegible]											[illegible]	[illegible]							[illegible]	[illegible]		
[illegible]										[illegible]	[illegible]	[illegible]							[illegible]	[illegible]		
[illegible]								[illegible]			[illegible]	[illegible]	[illegible]						[illegible]	[illegible]		
[illegible]							[illegible]		[illegible]	[illegible]		[illegible]							[illegible]	[illegible]		
[illegible]					[illegible]		[illegible]		[illegible]	[illegible]		[illegible]	[illegible]						[illegible]	[illegible]		
[illegible]							[illegible]	[illegible]		[illegible]	[illegible]		[illegible]						[illegible]	[illegible]		
[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]							[illegible]	25		
[illegible]					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]		
[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							41	41	2	
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							46	46	[illegible]	
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								59	59	14	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								67	67	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								76	76	41	4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									93	93	51	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.1	[illegible]	[illegible]	[illegible]								132	132	75	[illegible]
[illegible]	[illegible]	1.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]										126	126	81	56
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.[illegible]	1.2	[illegible]	[illegible]										151	151	99	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	1.1	1.[illegible]	1.1	[illegible]	[illegible]	[illegible]										142	142	111	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.2	1.1	[illegible]	[illegible]											150	150	121	67
[illegible]	[illegible]	1.6	1.3	1.1	1.5	1.2	[illegible]												198	198	141	[illegible]
[illegible]	[illegible]	1.[illegible]	1.1	1.[illegible]	1.4	1.4	[illegible]	[illegible]											205	205	154	102
[illegible]	[illegible]	[illegible]	1.4	1.2	1.5	1.	[illegible]	[illegible]											159	159	105	104
[illegible]	[illegible]	[illegible]	1.4	1.5	1.[illegible]	[illegible]	[illegible]	[illegible]											149	149	[illegible]	109
[illegible]	[illegible]	1.	1.3	1.1	1.1	[illegible]	[illegible]												140	140	219	137
[illegible]	[illegible]	1.	[illegible]	[illegible]	[illegible]	1													98	98	[illegible]	122
[illegible]	1	[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]													79	79	197	137
[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]													56	56	117	[illegible]
[illegible]	1	[illegible]	1.[illegible]	[illegible]	[illegible]														50	50	91	147
[illegible]	1	[illegible]	1.[illegible]	[illegible]	[illegible]														45	45	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]														17	17	75	113
[illegible]		[illegible]	[illegible]	[illegible]															[illegible]	9	[illegible]	117
[illegible]		[illegible]	[illegible]	[illegible]															[illegible]	6	[illegible]	[illegible]

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total

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PSYCHROMETRIC SUMMARY

[illegible]	[illegible]	[illegible]	[illegible]
STATION	STATION NAME	YEARS	MONTH
			A[illegible]
			HOURS (L.S.T.)

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 2[illegible]			•	•1														3	3	1[illegible]	1[illegible]1
[illegible] / 21			•															2	2	4	[illegible]
[illegible] / [illegible]			•															2	2	5	9[illegible]
[illegible] / 17																				1	5[illegible]
1 / 1																				[illegible]	24
1 / 1[illegible]																					27
1 / 11																					24
1 /																					16
/ [illegible]																					11
/ [illegible]																					6
[illegible] /																					4
/ [illegible]																					[illegible]
/- [illegible]																					6
[illegible]	•7	17•2	19•[illegible]	16•2	15•0	11•[illegible]	7•[illegible]	6•4	3•5	2•3	•[illegible]	•7	•2	•[illegible]				2400	2400	2400	240[illegible]

Element (X)	Σx²	Σx	x̄	σx	No. Obs	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
						Mean No. of Hours with Temperature						
Rel. Hum.	[illegible]	143036	59•6	22•[illegible]64	240[illegible]							
Dry Bulb	[illegible]677726	127[illegible]8	[illegible]1•[illegible]	11•204	240[illegible]		24•[illegible]	73•[illegible]	3[illegible]•[illegible]	1[illegible]•7		[illegible]•[illegible]
Wet Bulb	4[illegible]571[illegible]	1[illegible]1	44•6	[illegible]•[illegible]7	24[illegible]		71•7	•4				[illegible]•[illegible]
Dew Point	3[illegible]4313	8[illegible]7	36•[illegible]	12•527	2400	1•2	2[illegible]3•1	•6				720•[illegible]

2

PSYCHROMETRIC SUMMARY

STATION: [illegible] STATION NAME: [illegible], PA YEARS: [illegible] MONTH: MAY

HOURS (L.S.T.): [illegible]

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25	26	27 - 28	29 - 30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
[illegible]								.2	.1		.2	.2							[illegible]	[illegible]		
[illegible]						.[illegible]	.2	.1	.1	.1	.1								14	14		
[illegible]							.2	.2	.2	.1	.1	.2	.1						[illegible]	[illegible]		
[illegible]					.2	.1	.3	.2	.1	.1	.1		.1						[illegible]	25		
[illegible]		.2		.2	.2	.2	.2	.2	.2	.1	.1	.2							45	45		
[illegible] 77				.2	.4	.2	.2	.2	.2	.2	.2				.2				73	73	1	
[illegible] 76		.2		.2	.6	.7	.3	.2	.2	.2	.2	.2							[illegible]	[illegible]	1	1
[illegible] 77		.2	.1	.3	.6	.2	.5	.4	.4	.1	.1	.2							[illegible]	98	11	[illegible]
[illegible] 72		.2	.6	.2	.2	.6	.2	.6	.5	.2	.2								127	127	71	[illegible]
[illegible] 65	.1	.4	.2	.3	.6	.2	.4	.2	.6	.1	.1								139	139	60	15
[illegible] 67	.1	.2	1.5	.9	.6	1.2	.3	.5	.1	.1									156	156	115	47
[illegible] 61	.2	1.4	1.6	.9	.7	.2	1.2	.2	.3	.1		.2							198	198	133	66
[illegible] 57	.4	1.7	1.2	1.2	.2	1.1	.4	.5	.2	.2									192	192	167	127
[illegible] 61	.9	2.2	.2	.9	1.0	.2	.5	.4	.2										192	192	199	182
[illegible] 82	.6	2.2	.2	.8	.2	.2	.5	.2	.1										175	175	197	153
5[illegible] 57	1.2	1.5	1.4	.9	.6	.4	.2	.1	.2										164	164	223	167
5[illegible] 55	.5	1.8	1.3	.2	.2	.2	.4	.2											161	161	191	157
[illegible] 57	.9	1.1	1.2	1.2	.3	.2	.4	.2											157	157	255	149
[illegible] 51	.7	1.9	1.3	.6	.5	.6	.1	.											144	144	194	159
[illegible] 46	.4	1.6	1.1	.5	.3	.2	.1	.2											109	109	197	162
[illegible] 47	.2	.3	.2	.6	.4	.2													73	73	143	172
[illegible] 45	.1	.2	.7	.4	.2	.1	.2												52	52	116	146
[illegible] 42	.4	.4	.4	.3	.2	.													43	43	93	167
[illegible] 41	.1	.2	.1	.3	.1														28	28	84	154
[illegible] 32		.3	.1	.2	.1														12	12	49	114
[illegible] 32		.1	.1	.2	.2														8	8	25	92
[illegible] 25																					16	77
[illegible] 22				.2															1	1	4	44
[illegible] 31																					[illegible]	42
[illegible]																					1	20
[illegible] 27																					1	30
[illegible] 25																						25
[illegible] 23																						17
[illegible] 21																						[illegible]

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total

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PSYCHROMETRIC SUMMARY

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH MAY

PAGE [illegible] HOURS (LST) [illegible]

Temp. F	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 1																					[illegible]
[illegible] / 1[illegible]																					[illegible]
[illegible] / 1[illegible]																					[illegible]
1 / 11																					[illegible]
[illegible]	[illegible]	10.[illegible]	1[illegible].[illegible]	13.5	11.7	10.4	7.[illegible]	[illegible].7	[illegible].9	1.7	1.[illegible]	.4	.2	.0				[illegible]	248[illegible]		243[illegible]
																		24[illegible]		24[illegible]	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≥32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	[illegible] 3713	16[illegible]5	[illegible].1	2[illegible].[illegible]35	248[illegible]							
Dry Bulb	[illegible] 1295	153173	61.8	9.[illegible]56	248[illegible]			234.3	10[illegible].9	2[illegible].5		744.[illegible]
Wet Bulb	[illegible]74[illegible]730	137[illegible]44	[illegible].3	8.[illegible]2[illegible]	248[illegible]		1.2	[illegible]5.7	[illegible].[illegible]			7[illegible].4.[illegible]
Dew Point	[illegible]4 [illegible]8993	123226	4[illegible].7	1[illegible].59[illegible]	248[illegible]		5[illegible].7	18.9	.[illegible]			744.[illegible]

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PSYCHROMETRIC SUMMARY

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH JUN

PAGE 1

HOURS (L S T)

Temp. F	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]									.0		.0							2	2		
[illegible]								.		.1	.0							4	4		
[illegible]						.	.2	.1	.1	.1	.0							13	13		
[illegible]				.0		.1	.2	.0	.2	.2								25	25		
[illegible]					.0	.0	.3	.0	.2	.3			.0					45	45		
[illegible]					.0	.4	.7	.0	.5	.2	.1	.0	.0					74	74		
[illegible]				.1	.2	1.0	1.1	.0	.5	.3	.1							95	95	1	
[illegible]				.5	.0	1.4	.0	.7	.8	.3	.1							131	131	2	1
[illegible]		.0	.2	.0	2.1	.0	1.1	.0	.6	.5	.2							163	163	13	
[illegible]		.2	.0	1.5	.9	1.2	.6	.9	.7	.2	.0							165	165	3[illegible]	5
[illegible]		.3	1.2	1.6	1.0	.	.7	1.2	.5	.0								181	181	54	14
[illegible]	.1	1.2	2.1	1.7	.9	.0	1.0	.5	.2									201	201	142	55
[illegible]	.5	1.9	2.5	1.5	.9	1.0	.7	.7	.2	.0								232	232	246	91
[illegible]	.5	1.6	2.0	.8	1.1	.7	.6	.2	.0									185	185	265	20[illegible]
[illegible]	.6	1.7	2.1	1.1	.5	.6	.4	.2	.0									190	190	270	255
[illegible]	.6	2.0	1.7	1.5	.3	.7	.1											175	175	219	20[illegible]
[illegible]	.0	2.0	1.1	1.5	1.0	.2	.1											145	145	243	223
[illegible]	.0	2.4	1.7	.9	.6	.0	.1											147	147	240	189
[illegible]	.0	.9	1.2	.7	.4	.1	.											86	86	200	20[illegible]
[illegible]	.1	.6	.3	.5	.2													57	57	161	161
[illegible]	.0	.5	.6	.2	.1	.												46	46	112	175
[illegible]		.6	.2	.2	.0													25	25	85	166
[illegible]		.2	.2	.1														10	10	45	144
[illegible]		.2	.1	.1														8	8	18	117
[illegible]			.1															2	2	11	76
[illegible]		.																1	1	5	43
[illegible]		.																1	1	4	2[illegible]
[illegible]																					11
[illegible]																					1[illegible]
[illegible]																					1[illegible]
[illegible]																					1
[illegible]		.																1	1		
[illegible]																				1	
[illegible]																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total

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PSYCHROMETRIC SUMMARY

STATION [illegible] STATION NAME [illegible] YEARS JUN MONTH

PAGE 2 HOURS (LST)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25	26	27 - 28	29 - 30	≥31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
[illegible]	[illegible]	.61[illegible]	.415	.11[illegible]	.[illegible]	[illegible]	[illegible]	[illegible]	4.6	[illegible].3	.[illegible]	[illegible]	.1								2400		240[illegible]
																			2400			240[illegible]	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	1[illegible]41[illegible]49	167321	69.7	17.61[illegible]	24[illegible]							
Dry Bulb	11[illegible]8321	167167	69.5	8.439	2400		.3	454.[illegible]	269.4	99.[illegible]	.[illegible]	720.[illegible]
Wet Bulb	[illegible]592[illegible]3	151571	62.7	6.656	240[illegible]		.3	234.[illegible]	39.[illegible]	.3		720.[illegible]
Dew Point	[illegible]0816	139870	58.3	7.989	2400		.3	111.3	14.1	.3		720.[illegible]

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PSYCHROMETRIC SUMMARY

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH JUL

PAGE 1 HOURS (L S T)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]											.0							1	1		
[illegible]									.0	.0	.1							4	4		
[illegible]										.1	.1	.0						5	5		
[illegible]								.1	.0			.1						10	10		
[illegible] 21							.1	.0	.0	.2	.1	.1	.1					23	23		
[illegible]							.0	.0	.4	.4	.0	.0	.0					49	49		
[illegible] 87					.0	.1	.0	.4	.9	.3	.1	.0						64	64		
[illegible]				.1	.0	.0	.0	1.0	.7	.3	.0	.1						117	117		
[illegible] 83					.6	.0	1.3	.	.6	.4	.0	.0						125	125		
[illegible] 81			.0	.0	.6	1.4	1.7	1.0	.9	.4	.0							166	166	1	
[illegible] 79			.0	.0	1.3	1.0	1.1	.	.8	.4	.3							191	191	16	
7[illegible] / 77		.3	1.0	1.4	2.1	1.6	1.3	.6	.6	.2	.0							219	219	41	3
[illegible] 73		.3	1.7	1.7	1.5	1.3	.7	.3	.6	.1								224	224	113	21
[illegible] 71	.1	1.5	3.1	2.2	1.0	.6	.4	.7	.1	.0								262	262	189	67
[illegible] 71	.4	2.6	2.2	1.6	1.4	.6	.2	.2	.1									257	257	312	199
[illegible] 69	.3	1.8	2.9	1.9	.3	.4	.3	.										219	219	410	267
[illegible] 67	.5	1.6	2.4	1.1	.6	.7	.2											159	159	346	290
[illegible] 65	.6	1.7	1.5	.3	.7	.0	.0	.0										140	140	320	330
[illegible] 63	.2	1.1	.9	.5	.4	.1	.1											82	82	225	263
[illegible] 61	.2	.9	.7	.4	.3	.1	.											66	66	168	245
[illegible]	.2	.2	.4	.3	.2	.1												44	44	141	184
[illegible] 57		.2	.3	.4	.1													30	30	77	157
[illegible] 55		.3	.3	.2	.2													16	16	53	129
[illegible] 53	.1	.2	.1	.2														7	7	34	96
[illegible] 51			.0															1	1	23	74
[illegible]																				12	65
[illegible] 47																				1	57
[illegible] 45																					27
[illegible] 43																					13
[illegible] 41																					2
[illegible]																					2
[illegible] 37																					2
[illegible]	.0	17.3	19.0	13.7	12.7	10.6	9.8	7.3	6.1	2.8	1.7	.4	.1					2430	2420	2480	2480

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	1[illegible]8847[illegible]	171470	69.1	17.426	2480
Dry Bulb	13[illegible]6713	184693	74.5	7.932	2480
Wet Bulb	11189907	166213	66.9	5.562	2430
Dew Point	9359592	155450	62.7	6.833	2480

Mean No. of Hours with Temperature	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.			622.2	437.7	200.7	5.0	744.0
Dry Bulb			428.4	108.0	1.2		744.0
Wet Bulb			242.1	48.6			744.0

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PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

PART 1
HOURS (L.S.T.)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]											.0							1	1		
[illegible]										.1	.0							3	3		
[illegible]							.0	.0	.0	.0	.1							19	18		
[illegible]						.0	.1	.0	.0	.0								25	25		
[illegible] 67					.0	.0	1.2	.4	.2	.1	.1							54	54		
[illegible] 85					.0	.0	.4	.0	.6	.2								80	80		
4 / 62				.1	.5	1.2	1.2	.4	.4	.3								113	113		
[illegible] / 81				.6	1.5	1.7	1.4	.4	.5	.2								156	156		
[illegible] / 76			.1	1.0	1.1	1.7	1.0	.0	.4	.1								151	151	5	
7 / 77		.0	1.0	1.5	1.7	1.0	.0	.6	.2	.1								186	186	32	1
[illegible] 79	.0	1.4	2.1	2.0	1.2	1.0	.9	.4	.3	[illegible]								231	231	145	17
[illegible] 77	.0	2.3	3.7	2.6	.9	1.0	.5	.5	.0									269	269	228	107
[illegible] 71	.0	3.2	2.5	1.9	.7	.6	.5	.7	.1	[illegible]								269	269	311	203
[illegible] 63	1.0	3.5	2.8	1.5	.7	.5	.3	.1	.1									260	260	380	312
[illegible] 67	.0	2.7	2.3	1.0	.4	.2	.2	.0										185	185	350	334
[illegible] / 65	.4	2.0	2.1	.8	.3	.2	.1	.1										148	148	275	315
4 / 63	.4	1.4	1.3	.6	.2	.1	.0											102	102	221	312
[illegible] / 61	.2	1.3	.3	.8	.2	.1												82	82	157	179
[illegible] / 59	.2	1.2	.7	.4	.1	.0												62	62	122	197
[illegible] / 57	.1	.7	.5	.3	.1	.0												44	44	96	154
[illegible] / 55	.1	.2	.2	.3	.0													21	21	69	113
[illegible] / 53		.0	.2	.2														9	9	73	77
[illegible] / 51		.1	.1	.1														7	7	14	73
[illegible] / 49																				16	55
[illegible] / 47																				6	30
[illegible] / 45		.1	.0															3	3	2	21
[illegible] / 43	.0																	1	1	2	13
[illegible] / 41																				1	-
[illegible] / 39																					6
[illegible] / 37																					2
TOTAL	.1	.3	10.8	15.8	10.0	10.5	8.7	5.6	3.5	1.5	.2							2480			2479
																		2480		2480	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	14239233	183409	74.0	16.436	2479							
Dry Bulb	17377891	181123	73.0	7.774	2480			600.3	356.1	156.6	1.2	744.0
Wet Bulb	11173163	165527	66.9	5.83	2480			435.3	127.0	.3		744.0
Dew Point	[illegible]	157326	63.5	6.[illegible]	2479			252.1	64.5			744.0

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PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

PAGE 1

HOURS (L S T)

Temp F	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]									.0	.1								4	4		
[illegible]						.[illegible]		.[illegible]	.0	.0								4	4		
[illegible]							.1	.[illegible]										7	7		
[illegible]						.1	.1	.[illegible]	.1		.2	.1						14	14		
[illegible]						.[illegible]	.2	.[illegible]			.[illegible]	.2						19	19		
[illegible]					.1	.[illegible]	.2	.2	.1	.0	.0							27	27		
[illegible]				.2	.[illegible]	.2	.4	.2	.1	.1								50	50	1	
[illegible]			.2	.2	.3	.2	.5	.2	.4	.2								67	67		
[illegible]		.1	.2	.5	.[illegible]	.[illegible]	.7	.2	.1	.0								81	81	9	1
[illegible]		.1	.5	1.[illegible]	1.1	.[illegible]	.7	.2	.1	.0								117	117	31	1
[illegible]	.2	.5	.[illegible]	1.2	1.1	1.[illegible]	.6	.4	.3	.1								152	152	61	2[illegible]
[illegible]	.[illegible]	1.2	1.3	1.[illegible]	.[illegible]	.2	.2	.2	.1									162	162	74	58
[illegible]	.3	1.2	2.4	1.[illegible]	.9	.7	.9	.4	.0	.0								190	190	154	64
[illegible]	.[illegible]	.[illegible]	.[illegible]	1.4	.7	.2	.6	.2	.1									196	196	180	113
[illegible]	.2	1.3	.[illegible]	1.1	1.1	.4	.5	.1										193	193	239	169
[illegible]	.[illegible]	.4	1.[illegible]	1.2	.[illegible]	.7	.3	.2										198	198	190	20[illegible]
[illegible]	.2	.4	1.[illegible]	1.[illegible]	.[illegible]	.4	.2	.1										193	193	246	191
[illegible]	.1	.4	.[illegible]	.[illegible]	.7	.[illegible]	.1											200	200	244	22[illegible]
[illegible]	.[illegible]	.4	1.[illegible]	.6	.5	.1	.[illegible]											142	142	236	222
[illegible]	.[illegible]	.2	1.[illegible]	.7	.[illegible]	.[illegible]	.1											129	129	200	20[illegible]
[illegible]	.2	.[illegible]	1.[illegible]	.2	.2	.[illegible]												97	97	168	176
[illegible]	.[illegible]	.[illegible]	1.[illegible]	.3	.1	.1												64	64	114	15[illegible]
[illegible]		.[illegible]	.[illegible]	.3		.[illegible]												51	51	89	132
[illegible]		.[illegible]	.[illegible]	.1	.1													18	18	65	108
[illegible]	.[illegible]	.1	.[illegible]	.1														13	13	39	125
[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]														14	14	27	58
[illegible]	.[illegible]	.1	.1	.[illegible]														7	7	17	4[illegible]
[illegible]		.[illegible]		.[illegible]														5	5	1[illegible]	4[illegible]
[illegible]																				3	2[illegible]
[illegible]																				1	1[illegible]
[illegible]																					[illegible]
[illegible]																					6
[illegible]																					[illegible]

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total

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PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

Temp. °F	WET BULB TEMPERATURE DEPRESSION (°F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

PAGE 1

HOURS (L S T)

Temp F	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25	26	27 - 28	29 - 30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																			1	1		
[illegible]																			3	3		
[illegible]																			[illegible]	[illegible]	1	
[illegible]																			11	11	1	1
[illegible]																			13	13		1
[illegible]																			[illegible]	26	1	
[illegible]	.1																		[illegible]	54	3	3
[illegible]																			58	58	5	1
[illegible]	.1																		[illegible]	99	23	11
[illegible]																			25	25	[illegible]	19
[illegible]	.1																		105	105	[illegible]	[illegible]
[illegible]	.1																		138	139	112	[illegible]
[illegible]	.1																		179	179	110	[illegible]
[illegible]	.1																		195	195	135	117
[illegible]	.1																		197	197	154	113
[illegible]	.1																		175	175	169	122
[illegible]	.1																		151	151	176	115
[illegible]	.1																		165	165	172	124
[illegible]	.1																		164	164	216	141
[illegible]	.1																		156	156	216	172
[illegible]	.1																		147	147	196	183
[illegible]	.1																		97	97	167	195
[illegible]	.1																		79	78	176	195
[illegible]	.1																		57	57	127	135
[illegible]	.1																		44	44	85	157
[illegible]	.1																		37	37	53	112
[illegible]	.1																		20	20	43	37
[illegible]	.1																		7	7	[illegible]	[illegible]
[illegible]																			4	4	13	61
[illegible]																			2	2	7	47
[illegible]																						22
[illegible]																						2
[illegible]																						19
[illegible]																						1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	<0 F	≥32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total

NAVWEASERVCOM

2

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION F 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	TOTAL D.B W.B	Dry Bulb	TOTAL Wet Bulb	Dew Point
[illegible]																					[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]	[illegible]
																		[illegible]		[illegible]	

Element X	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≥0 F	≥32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]			[illegible]
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]			[illegible]

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PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

PAGE 1

HOURS (L.S.T.)

Temp. F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]								.1										1	1		
[illegible]						.1	.1	.1	.2	.2								9	9		
[illegible]				.1	.1	.1	.1	.1										10	10		
[illegible]				.1	.2	.2	.1	.1										11	11		
[illegible]			.1	.1	.2	.1		.1		.2								18	18	2	
[illegible]		.1	.2	.2	.2	.2	.1	.1	.1									32	32	1	2
[illegible]		.2	.4	.2	.2	.2	.2	.1	.1									40	40	16	1
[illegible]	.2	.4	.3	.2	.1	.2	.3											48	48	26	22
[illegible]	.1	.2	.4	.2	.2	.2	.2	.1	.1									58	58	35	32
[illegible]	.2	.2	.3	.3	.2	.4	.2	.2										69	69	35	29
[illegible]	.2	.2	.3	.3	.2	.2	.3	.1										79	79	54	47
[illegible]	.2	1.4	.6	.7	.2	.2	.2											102	102	68	61
[illegible]	.3	1.2	.5	.2	.2	.1	.2	.1										126	126	95	87
[illegible]	.2	1.2	.3	1.1	.2	.2	.2											135	135	99	78
[illegible]	.2	1.2	1.2	1.1	.5	.5	.1											129	129	124	91
[illegible]	.2	1.7	1.4	1.3	.9	.2	.1											159	159	131	76
[illegible]	.2	1.2	1.2	1.5	1.5	.4	.1											171	171	159	95
[illegible]	.2	1.3	1.4	2.2	1.8	.2												180	180	141	102
[illegible]	.2	1.2	1.7	2.4	1.2	.4												177	177	154	121
[illegible]	.2	1.7	2.4	2.1	.5	.2												168	168	149	121
[illegible]	.2	.7	2.2	2.1	.5													152	152	175	115
[illegible]	.4	1.1	3.1	1.4	.2													151	151	215	126
[illegible]	.2	1.3	2.4	.6	.1													126	126	182	102
[illegible]	.1	1.5	1.2	.3														94	94	183	147
[illegible]	.2	1.4	1.1	.2														71	71	132	171
[illegible]	.2	.1	.7	.1														37	37	79	173
[illegible]	.1	.2	.4															22	22	52	181
[illegible]	.1	.3	.2															15	15	33	137
[illegible]		.2	.1															3	3	14	107
[illegible]	.1	.2																6	6	9	66
[illegible]		.1																2	2	3	57
[illegible]		.1																1	1	2	42
[illegible]		.1																1	1	1	22
[illegible]																				1	17

WET BULB TEMPERATURE DEPRESSION (F)

Element X	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum							
Dry Bulb							
Wet Bulb							
Dew Point							

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PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

°F	WET BULB TEMPERATURE DEPRESSION °F 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17	18 - 19	20	21 - 22	23 - 24	25	26	27 - 28	29 - 30	≥31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]	[illegible]	[illegible]

Element X	Σx	Σx²	x̄	σx	No. Obs	Mean No. of Hours with Temperature 0°F	32°F	67°F	73°F	80°F	93°F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]			[illegible]
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]				[illegible]
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]				[illegible]

NAVWEASERVCOM

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PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (LST)

Temp F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]			.1	.1														4	4		
[illegible]		.1	.1		.1		.1											5	5	1	
[illegible]		.1	.2	.1	.1	.1												15	13	5	7
[illegible]		.1	.2	.1	.2	.1		.1										19	19	[illegible]	8
[illegible]	.1	.1	.1	.2		.1	.1											21	21	16	14
[illegible]	.2	.1	.1	.2	.1	.1												27	27	20	16
[illegible]	.1	.2	.2	.2	.2	.1												33	33	17	22
[illegible]	.1	.1	.2	.2	.1	.1												27	27	26	17
[illegible]	.1	.2	.2	.2	.1	.1	.1											42	42	37	27
[illegible]	.2	.2	.4	.3	.2	.2												56	56	42	35
[illegible]	.2	.2	.4	.2	.4	.1	.1											73	73	44	31
[illegible]	.4	.4	.2	.2	.4	.1	.1											88	88	51	41
[illegible]	.3	.7	1.3	1.1	.2	.1	.1											117	117	65	42
[illegible]	.2	1.1	1.2	1.6	.1	.1												166	166	81	55
[illegible]	.1	1.1	1.7	1.9	.2	.1												172	172	119	56
[illegible]	.2	2.1	2.7	2.2	1.2	.1												221	221	169	75
[illegible]	.2	1.2	2.1	2.2	.2	.1												202	202	1[illegible]	91
[illegible]	.2	2.1	2.1	1.2	.2													229	229	237	129
[illegible]	.7	1.3	3.1	1.2														171	171	265	129
[illegible]	.4	1.7	3.1	.6	.2													142	142	2[illegible]	142
[illegible]	.5	2.5	2.2	.5														139	139	18[illegible]	152
[illegible]	.4	1.5	1.2	.2														125	125	161	14[illegible]
[illegible]	.2	1.1	1.1	.2														91	91	1[illegible]	178
[illegible]	.2	1.3	1.1	.1														84	84	173	16[illegible]
[illegible]	.1	1.6	1.2															79	79	9[illegible]	177
[illegible]	.1	1.2	.1															49	49	[illegible]	137
[illegible]	.1	1.1	.1															30	30	59	131
[illegible]	.1	.2	.1															25	25	32	127
[illegible]	.1	.3																21	21	29	71
[illegible]	.1	.4																14	14	2	77
[illegible]		.1																3	3	12	4[illegible]
[illegible]		.1																2	2	3	56
[illegible]		.1																2	2	1	3[illegible]
[illegible]		.1																3	3	1	34

WET BULB TEMPERATURE DEPRESSION (F)

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel Hum					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel Hum							
Dry Bulb							
Wet Bulb							
Dew Point							

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PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (LST)

Temp °F	WET BULB TEMPERATURE DEPRESSION °F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/-	.1																					
/-																						
/-																						
/-																						
/-																						
/-11																						
/-1																						
/-1																						
L	1			16																247		247
																			247		247	

Element (X)	Σx²	Σx	x̄	σx	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≥32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	1247247	17311	.8	17.30	247							
Dry Bulb	33174	36619	7	10.13	247	.2	289.1	1.2				744.7
Wet Bulb	763788	7	1.	1.762	247	1.9	414.3					744.7
Dew Point	613335	67177	5	12.759	247	11.4	544.					744.7

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PSYCHROMETRIC SUMMARY

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH ALL

PAGE 1

HOURS (L S T) [illegible]

Temp. F	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]											•							1	1		
[illegible]									•[illegible]	•[illegible]	•[illegible]							4	4		
[illegible]										•	•	•[illegible]						6	6		
[illegible]								•	•[illegible]	•[illegible]	•[illegible]	•[illegible]						19	19		
[illegible]						•	•[illegible]	•[illegible]	•[illegible]	•[illegible]	•[illegible]	•[illegible]	•[illegible]	•[illegible]				51	51		
[illegible]						•	•1	•1	•1	•1	•[illegible]	•[illegible]	•[illegible]					9[illegible]	9[illegible]		
[illegible]				•[illegible]	•[illegible]	•[illegible]	•[illegible]	•1	•1	•1	•[illegible]	•[illegible]						156	166		
[illegible]				•[illegible]	•[illegible]	•[illegible]	•[illegible]	•[illegible]	•1	•1	•[illegible]	•[illegible]	•[illegible]					278	278		
[illegible]				•[illegible]	•1	•[illegible]	•3	•[illegible]	•1	•1	•1	•[illegible]	•[illegible]					374	374		
[illegible]		•[illegible]	•[illegible]	•1	•[illegible]	•4	•4	•[illegible]	•[illegible]	•1	•[illegible]	•[illegible]	•[illegible]					505	505	[illegible]	
[illegible]		•[illegible]	•	•[illegible]	•[illegible]	•[illegible]	•[illegible]	•[illegible]	•2	•1	•[illegible]	•[illegible]	•[illegible]					601	601	24	1
[illegible]		•1	•[illegible]	•3	•6	•6	•[illegible]	•[illegible]	•[illegible]	•1	•[illegible]		•[illegible]	•[illegible]				744	744	97	[illegible]
[illegible]	•	•2	•4	•5	•4	•[illegible]	•[illegible]	•[illegible]	•2	•1	•[illegible]	•[illegible]						868	868	[illegible]	42
[illegible]	•	•4	•[illegible]	•7	•5	•4	•[illegible]	•[illegible]	•1	•[illegible]	•[illegible]	•[illegible]						1025	1025	574	210
[illegible]	•1	•7	•[illegible]	•7	•4	•[illegible]	•[illegible]	•[illegible]	•1	•[illegible]	•[illegible]	•[illegible]						1125	1125	975	487
[illegible]	•[illegible]	•7	1•[illegible]	•6	•4	•6	•[illegible]	•[illegible]	•1	•1	•[illegible]	•[illegible]						1171	1171	1259	770
[illegible]	•[illegible]	•7	1•[illegible]	•[illegible]	•4	•[illegible]	•[illegible]	•[illegible]	•1	•[illegible]	•[illegible]							1085	1085	1295	971
[illegible]	•[illegible]	•[illegible]	•[illegible]	•[illegible]	•4	•[illegible]	•[illegible]	•[illegible]	•1	•[illegible]	•[illegible]	•[illegible]						1079	1079	1339	1157
[illegible]	•[illegible]	•[illegible]	•[illegible]	•5	•4	•4	•[illegible]	•1	•1	•[illegible]	•[illegible]							1002	1002	1194	1230
[illegible]	•[illegible]	1•[illegible]	•[illegible]	•5	•4	•[illegible]	•2	•1	•1	•[illegible]								1029	1029	1256	1148
[illegible]	•[illegible]	1•2	•[illegible]	•4	•4	•[illegible]	•[illegible]	•[illegible]	•[illegible]	•[illegible]	•[illegible]							1091	1091	1208	1122
[illegible]	•[illegible]	1•[illegible]	•[illegible]	•5	•[illegible]	•[illegible]	•2	•1	•[illegible]									974	974	117[illegible]	115[illegible]
[illegible]	•[illegible]	•[illegible]	•[illegible]	•5	•4	•[illegible]	•[illegible]	•1	•[illegible]									986	986	1090	1039
[illegible]	•4	•7	•6	•[illegible]	•4	•[illegible]	•1	•1	•[illegible]									923	923	1092	100[illegible]
[illegible]	•[illegible]	•[illegible]	•[illegible]	•5	•4	•[illegible]	•[illegible]	•1										895	895	945	984
[illegible]	•[illegible]	•[illegible]	•[illegible]	•5	•[illegible]	•[illegible]	•1	•										915	915	948	100[illegible]
[illegible]	•[illegible]	•[illegible]	•[illegible]	•7	•[illegible]	•[illegible]	•1	•										941	941	946	924
[illegible]	•[illegible]	•[illegible]	•7	•6	•5	•[illegible]	•1	•										911	911	980	923
[illegible]	•[illegible]	•7	•7	•8	•[illegible]	•[illegible]	•	•[illegible]										957	958	917	840
[illegible]	•4	•6	•3	•8	•5	•[illegible]	•[illegible]											930	980	1037	819
[illegible]	•[illegible]	•[illegible]	•[illegible]	•[illegible]	•4	•1												976	936	996	949
[illegible]	•4	•7	•[illegible]	•9	•[illegible]	•1												973	973	1076	827
[illegible]	•4	•7	1•2	•7	•2	•[illegible]												953	953	1103	895
[illegible]	•4	•9	1•1	•7	•1	•												950	950	1066	840

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum							
Dry Bulb							
Wet Bulb							
Dew Point							

NAVWEASERVCOM

2

PSYCHROMETRIC SUMMARY

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: ALL HOURS (L S T): [illegible]

Temp F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]	.2	.7	1.0	.7	.1													716	786	1139	935
[illegible]	.2	.6	.2	.6	.2													622	629	957	959
[illegible] 27	.2	.5	.3	.3	.2													563	563	758	917
[illegible] 25	.1	.5	.4	.2	.2													483	483	648	924
[illegible] 23	.1	.6	.3	.1														423	423	[illegible]	921
[illegible] 21	.1	.5	.4	.1														374	375	499	738
[illegible] 19	.1	.7	.4	.1														342	342	427	722
[illegible] 17	.1	.6	.3	.2														276	276	38[illegible]	557
[illegible] 15	.1	.5	.1															217	218	3[illegible]1	542
[illegible] 13	.1	.4	.1															145	145	227	52[illegible]
[illegible] 11	.1	.3	.2															117	118	147	4[illegible]
[illegible]	.1	.2	.1															83	85	1[illegible]8	435
[illegible]	.2	.2	.2															51	53	71	331
[illegible]	.2	.1																32	32	53	31[illegible]
[illegible]	.2	.1																19	19	33	2[illegible]5
[illegible] 1	.2	[illegible]																13	13	11	143
[illegible]/-1	.2	[illegible]																20	20	21	114
[illegible]/-3	.2	[illegible]																13	13	1[illegible]	88
[illegible]/-5	.2	[illegible]																5	5	4	49
[illegible]/-7	.2	[illegible]																5	5	8	37
[illegible]/-9		[illegible]																1	1		41
[illegible]/-11																				1	17
[illegible]/-13																					1[illegible]
[illegible]/-15																					9
[illegible]/-17																					[illegible]
[illegible]/-19																					[illegible]
[illegible]/-21																					[illegible]
[illegible]/-23																					[illegible]
[illegible]/-25																					1
[illegible]/-27																					1
TOTAL	[illegible]	27.7	27.[illegible]	15.8	10.3	7.[illegible]	5.3	3.[illegible]	2.1	1.[illegible]	.4	.1	.2	.0				29205	[illegible]213		[illegible]
																		29205	29206		

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	1[illegible]942213	201[illegible]55	[illegible]9.1	1[illegible].957	29205							
Dry Bulb	[illegible]12[illegible]2[illegible]3	153[illegible]613	[illegible].7	18.[illegible]54	29217	17.2	1378.9	2433.9	1419.[illegible]	542.1	[illegible].0	[illegible]769.0
Wet Bulb	[illegible]173443	1386965	47.[illegible]	16.[illegible]6[illegible]	29206	1[illegible].6	1913.8	1334.1	30[illegible].4	2.1		[illegible]
Dew Point	[illegible]1[illegible]9939	12[illegible]079	41.[illegible]	19.131	29205	117.1	2972.7	744.1	143.1	.3		[illegible]

NAVWEASERVCOM

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

147 2 — WILLOW GROVE, PA — 77-82

STATION NAME — YEARS

HOUR		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	26.	29.2	37.9	46.9	5[illegible].0	64.0	69.9	67.9	60.8	49.1	42.3	32.9	48.6
	S.D.	11.511	11.341	9.241	8.918	7.446	6.361	5.249	5.537	7.187	8.496	9.728	10.698	16.897
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	310	3651
	MEAN	25.7	26.9	36.1	44.8	54.1	62.0	66.8	66.4	59.3	47.7	41.0	32.0	47.0
	S.D.	11.749	11.692	9.356	8.950	7.683	6.720	5.611	5.934	7.572	8.949	9.687	11.017	16.817
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	310	3651
	MEAN	25.0	26.0	35.5	46.0	57.1	65.3	69.8	69.0	59.8	47.3	40.4	31.4	47.8
	S.D.	11.958	11.801	9.425	8.909	7.250	5.926	4.939	5.579	7.704	9.068	9.936	10.935	17.875
	TOTAL OBS	311	282	310	300	310	300	310	310	300	310	300	310	3653
	MEAN	29.9	31.1	42.1	53.2	64.3	72.2	77.1	75.8	68.0	55.8	46.8	35.2	54.3
	S.D.	11.144	11.334	9.954	10.327	8.248	6.842	5.419	5.616	7.112	8.073	9.528	10.083	18.893
	TOTAL OBS	311	282	310	300	310	300	310	310	300	310	300	310	3653
	MEAN	32.7	35.6	46.7	57.9	68.7	76.4	81.5	80.1	72.7	60.6	51.4	39.3	58.7
	S.D.	11.135	11.686	10.648	11.243	9.163	7.507	6.125	6.164	7.728	8.778	10.502	10.286	19.220
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	33.[illegible]	37.0	48.0	59.1	69.4	77.2	82.1	80.3	73.0	60.6	51.0	39.2	59.3
	S.D.	11.122	11.708	10.614	11.417	9.435	7.449	6.536	6.305	7.884	8.606	10.461	10.131	19.169
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	310	3651
	MEAN	29.9	33.1	43.9	54.7	65.0	73.0	77.6	75.4	67.2	54.6	46.3	35.8	54.8
	S.D.	11.127	11.261	9.530	10.276	8.424	6.389	5.618	5.422	7.040	7.060	9.715	10.066	18.474
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	28.1	30.3	40.5	49.9	59.5	66.9	71.9	70.3	62.9	51.0	43.8	33.9	50.9
	S.D.	11.340	11.238	9.078	9.370	7.518	6.470	4.952	5.325	6.908	8.158	9.629	10.288	17.233
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	28.9	31.0	41.3	51.5	61.8	69.6	74.5	73.0	65.5	53.4	45.4	35.0	52.7
	S.D.	11.730	12.090	10.677	11.205	9.856	8.640	7.832	7.775	9.044	9.890	10.657	10.813	18.655
	TOTAL OBS	2479	2256	2480	2400	2480	2400	2480	2480	2400	2480	2400	2470	29213

MEANS AND STANDARD DEVIATIONS

[illegible]T- UL[illegible] TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible] [illegible]LE GROVE, PA 73-80

STATION NAME YEARS

HOUR		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	[illegible]	25.7	34.3	42.[illegible]	53.1	60.2	64.8	64.9	58.1	46.4	39.3	3[illegible].4	45.3
	S. D.	11.179	10.953	9.103	8.916	7.862	6.446	5.504	5.512	7.355	8.762	9.803	10.5[illegible]2	16.632
	TOTAL OBS	309	281	310	300	310	300	310	310	300	310	300	310	3650
	MEAN	23.[illegible]	24.5	33.1	40.7	51.1	59.2	63.9	64.0	57.1	45.5	38.5	29.7	44.4
	S. D.	11.3[illegible]	11.336	9.364	9.315	8.164	6.784	5.853	6.164	7.837	9.185	9.893	10.915	16.762
	TOTAL OBS	309	281	310	300	310	300	310	310	300	310	300	310	3650
	MEAN	23.2	23.9	32.8	41.7	53.2	61.3	65.6	65.1	57.6	45.2	38.0	29.2	44.9
	S. D.	11.631	11.406	9.424	8.971	7.835	6.100	5.287	5.899	7.846	9.325	1[illegible].084	10.879	17.440
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	26.2	27.9	37.3	45.7	56.9	64.2	68.2	68.3	61.6	50.4	42.3	32.5	49.5
	S. D.	1[illegible].755	10.742	9.527	9.075	7.940	6.122	4.999	5.399	6.935	8.430	9.616	9.988	17.079
	TOTAL OBS	311	281	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	29.[illegible]	31.0	40.1	48.1	59.7	65.7	69.4	69.5	63.3	52.7	44.7	34.7	50.7
1	S. D.	1[illegible].326	10.239	9.405	9.016	7.624	6.163	5.116	5.393	6.767	8.405	9.557	9.509	16.453
	TOTAL OBS	310	281	310	300	310	300	310	310	300	310	300	310	3651
	MEAN	29.5	31.9	40.9	48.6	55.9	65.8	69.4	69.4	63.2	52.5	44.3	34.6	50.9
	S. D.	1[illegible].198	10.065	8.979	8.860	7.511	5.904	4.911	5.046	6.629	8.145	9.621	9.540	16.198
	TOTAL OBS	310	281	310	300	310	300	310	310	300	310	300	310	3651
	MEAN	26.9	29.3	39.4	46.3	56.9	64.0	68.1	67.8	61.1	49.5	41.8	32.4	48.6
	S. D.	1[illegible].743	10.450	8.921	8.948	7.376	5.712	4.821	5.032	6.686	8.084	9.591	9.819	16.534
	TOTAL OBS	310	281	310	300	310	300	310	310	300	310	300	309	3650
	MEAN	25.4	27.4	36.3	43.8	54.4	61.4	66.1	65.9	59.3	47.6	40.2	31.1	46.7
	S. D.	1[illegible].953	10.823	8.844	8.837	7.641	6.531	5.116	5.446	6.915	9.380	9.681	10.159	16.489
	TOTAL OBS	310	281	310	300	310	300	310	310	300	310	300	309	3652
ALL HOURS	MEAN	26.1	27.7	36.6	44.6	55.3	62.7	66.9	66.9	60.2	48.7	41.1	31.5	47.5
	S. D.	11.109	11.0[illegible]0	9.627	9.373	8.227	6.656	5.569	5.884	7.496	9.039	10.010	10.369	16.868
	TOTAL OBS	2479	2249	2480	2400	2480	2400	2480	2480	2400	2483	2400	2478	29206

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14730 WILLOW GROVE, PA 73-82

STATION STATION NAME YEARS

HRS LST		JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL.	AUG	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	1[illegible].1	19.1	27.5	35.4	4[illegible].5	57.6	62.4	63.2	56.2	43.4	35.0	25.1	41.1
	S. D.	13.938	13.761	12.414	12.222	1[illegible].227	7.618	6.672	6.674	8.292	10.352	11.926	13.066	19.204
	TOTAL OBS	309	281	310	300	310	300	310	310	300	310	300	310	3650
	MEAN	17.5	18.4	27.2	35.0	4[illegible].1	57.2	62.1	62.7	55.4	42.9	34.5	24.5	40.6
	S. D.	13.878	13.989	12.461	11.891	10.153	7.595	6.716	6.850	8.719	10.586	11.882	13.215	19.281
	TOTAL OBS	309	281	310	300	310	300	310	310	300	310	300	310	3650
	MEAN	17.3	18.2	27.4	35.9	49.5	58.7	63.2	63.4	56.0	42.8	34.2	24.0	41.0
	S. D.	14.139	13.362	12.333	11.807	10.213	7.257	6.390	6.715	8.629	10.731	11.989	13.217	19.681
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	19.5	20.3	29.5	36.6	50.6	59.1	63.1	64.2	57.2	44.9	36.3	25.9	42.4
	S. D.	13.437	13.577	12.992	12.496	11.045	7.882	7.006	6.916	8.721	11.042	12.407	12.620	19.296
	TOTAL OBS	311	281	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	21.2	21.7	30.5	36.9	50.6	59.1	62.8	63.8	57.2	45.2	36.7	26.7	42.8
	S. D.	12.937	12.835	13.115	12.785	10.968	8.219	7.348	7.195	8.874	11.369	12.288	12.255	18.776
	TOTAL OBS	310	281	310	300	310	300	310	310	300	310	300	310	3651
	MEAN	21.4	21.8	30.7	36.8	50.5	58.8	62.4	63.5	56.7	44.7	36.0	26.5	42.6
	S. D.	12.793	13.128	12.666	12.998	11.022	8.105	7.119	7.015	8.909	11.360	12.680	12.382	18.658
	TOTAL OBS	310	281	310	300	310	300	310	310	300	310	300	310	3651
	MEAN	19.8	21.0	29.8	36.1	50.0	58.2	62.8	63.5	56.8	44.4	35.8	25.8	42.1
	S. D.	13.570	13.428	12.903	13.377	10.610	8.065	6.845	6.795	8.356	10.600	12.066	12.537	18.964
	TOTAL OBS	310	281	310	300	310	300	310	310	300	310	300	309	3650
	MEAN	18.6	20.1	29.1	35.3	49.8	57.6	62.4	63.4	56.7	43.8	35.2	25.4	41.6
	S. D.	13.613	13.859	12.478	12.581	10.243	8.160	6.525	6.379	8.073	10.197	11.908	12.645	19.070
	TOTAL OBS	310	281	310	300	310	300	310	309	300	310	300	309	3649
ALL HOURS	MEAN	19.2	20.1	29.0	36.0	49.7	58.3	62.7	63.5	56.5	44.0	35.5	25.5	41.9
	S. D.	13.624	13.605	12.719	12.526	10.591	7.889	6.834	6.826	8.583	10.806	12.156	12.758	19.132
	TOTAL OBS	2479	2249	2480	2400	2480	2400	2483	2479	2400	2480	2400	2478	29225

RELATIVE HUMIDITY

[illegible] [illegible] GROVE, P [illegible] JAN

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS L.S.T.	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
A	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.2	47.6	27.8	14.6	70.7	[illegible]
	[illegible]	100.0	100.0	100.0	[illegible]	91.6	74.4	54.7	28.8	14.6	72.1	[illegible]
	[illegible]	100.0	100.0	100.0	[illegible]	93.5	75.1	57.1	31.3	13.5	72.9	310
	[illegible]	[illegible]	100.0	100.0	[illegible]	[illegible]	65.5	43.4	24.4	11.3	69.1	311
	[illegible]	100.0	100.0	98.4	92.6	77.7	55.5	[illegible]	13.7	9.7	64.3	310
	[illegible]	100.0	100.0	99.7	89.7	74.5	53.9	33.2	13.7	[illegible]	63.4	310
	[illegible]	100.0	100.0	100.0	95.5	81.9	64.2	41.[illegible]	[illegible]	12.3	67.6	310
	[illegible]	[illegible]	100.0	99.7	97.4	87.7	65.6	42.6	26.1	12.9	68.9	[illegible]
TOTALS		100.0	[illegible]	99.6	96.1	[illegible]	66.6	43.9	24.8	12.3	68.6	2472

RELATIVE HUMIDITY

[illegible] STATION NAME [illegible] YEARS [illegible] MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
[illegible]	1	[illegible]	[illegible]	99.3	97.5	87.9	69.4	44.[illegible]	26.3	14.9	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	99.6	96.6	89.7	72.6	52.7	[illegible]	15.7	71.6	[illegible]
	[illegible]	[illegible]	[illegible]	100.0	98.2	93.3	74.9	55.3	35.[illegible]	19.1	73.6	[illegible]
	[illegible]	[illegible]	[illegible]	99.3	94.7	81.9	[illegible]	36.3	22.[illegible]	17.2	66.[illegible]	[illegible]
	1	[illegible]	100.0	96.4	85.1	62.6	40.2	24.6	19.1	[illegible]	59.4	291
	[illegible]	[illegible]	99.6	92.9	79.4	55.[illegible]	[illegible].4	26.3	14.[illegible]	[illegible].6	57.2	[illegible]
	[illegible]	[illegible]	100.0	97.5	90.0	74.4	50.9	31.[illegible]	19.1	19.1	60.1	[illegible]
	[illegible]	100.0	100.0	99.3	93.6	82.2	61.1	[illegible]	23.6	15.7	67.4	291
TOTALS		[illegible]	[illegible].9	98.[illegible]	92.1	79.4	[illegible].1	[illegible]	23.6	[illegible]	66.[illegible]	2640

RELATIVE HUMIDITY

[illegible] 73-[illegible] 8

STATION NAME MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
[illegible]	[illegible]	100.0	100.0	98.4	93.9	87.2	66.5	[illegible]	[illegible]	16.1	63.3	31[illegible]
	8	100.0	100.0	99.4	95.2	87.7	72.6	[illegible]	36.1	17.7	72.[illegible]	31[illegible]
	7	100.0	100.0	100.0	97.4	90.6	75.2	[illegible]	39.7	23.2	73.9	31[illegible]
	[illegible]	100.0	100.0	97.1	88.1	7[illegible]	5[illegible]	[illegible]	21.6	13.2	6[illegible].7	31[illegible]
	1[illegible]	100.0	[illegible]9.4	91.3	73.2	[illegible]	37.1	26.1	1[illegible].7	1[illegible].3	57.2	31[illegible]
	[illegible]	1[illegible].0	98.7	86.8	7[illegible].6	4[illegible].4	34.[illegible]	25.[illegible]	17.1	1[illegible].9	55.[illegible]	31[illegible]
	1[illegible]	100.0	99.4	93.2	[illegible]1.3	54.5	46.1	34.2	21.9	11.9	61.[illegible]	31[illegible]
	[illegible]	100.0	100.0	96.[illegible]	90.0	75.[illegible]	57.1	43.5	27.7	15.5	66.3	31[illegible]
TOTALS		100.0	[illegible]9.7	95.4	86.2	71.[illegible]	54.9	4[illegible].1	26.6	15.4	64.8	24[illegible]

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS L.S.T.	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
[illegible]	[illegible]	100.0	100.0	99.0	91.3	77.7	59.3	40.0	25.0	14.0	66.7	300
	[illegible]	100.0	100.0	99.7	95.7	84.0	64.7	45.7	30.7	16.7	7[illegible]	300
	[illegible]	100.0	100.0	99.7	95.7	85.0	67.3	45.0	29.7	14.0	69.5	300
	[illegible]	100.0	100.0	93.3	75.5	54.0	37.0	25.7	15.7	9.7	56.6	300
	[illegible]	100.0	93.0	81.3	56.7	39.7	26.0	19.0	13.7	5.3	49.8	300
	[illegible]	100.0	94.3	71.7	52.3	37.0	29.3	17.3	13.3	9.0	47.2	300
	[illegible]	100.0	93.0	83.7	66.3	48.0	35.3	25.3	17.3	11.0	54.0	300
	[illegible]	100.0	99.7	95.7	83.0	64.7	47.3	32.3	21.3	12.7	61.5	300
TOTALS		100.0	97.8	90.5	77.4	61.0	45.0	32.4	20.7	11.9	59.6	2400

RELATIVE HUMIDITY

STATION NAME

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS L.S.T.	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	1	[illegible]	[illegible]	[illegible]	97.7	92.[illegible]	[illegible]	67.7	[illegible].4	[illegible].2	77.[illegible]	[illegible]
		[illegible]	100.0	[illegible]	[illegible]	[illegible]	89.[illegible]	77.1	[illegible]	[illegible]	81.4	310
	[illegible]	[illegible]	[illegible]	[illegible]	79.[illegible]	72.[illegible]	79.7	67.1	47.7	24.5	77.1	310
	[illegible]	[illegible]	100.0	98.1	87.1	72.[illegible]	53.9	37.1	24.8	11.[illegible]	63.[illegible]	31[illegible]
	[illegible]	[illegible]	[illegible]	92.[illegible]	74.5	51.[illegible]	36.5	25.1	17.5	6.8	56.[illegible]	31[illegible]
	[illegible]	[illegible]	98.1	87.7	72.3	51.6	35.5	[illegible]	14.[illegible]	5.5	54.[illegible]	310
	[illegible]	[illegible]	99.7	96.1	91.9	85.[illegible]	4[illegible].4	35.[illegible]	23.2	11.[illegible]	61.8	310
	[illegible]	[illegible]	[illegible]	99.[illegible]	96.1	86.1	7[illegible].3	57.1	38.4	2[illegible].[illegible]	72.7	310
TOTAL		[illegible]	9.6	[illegible]	8.6	75.7	[illegible]	[illegible]	[illegible].7	17.[illegible]	66.2	24[illegible]

RELATIVE HUMIDITY

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS L.S.T.	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.7	[illegible]	57.7	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.[illegible]	[illegible]	[illegible]	[illegible]
	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	78.[illegible]	[illegible]	[illegible]	79.7	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57.[illegible]	[illegible]	20.[illegible]	[illegible]	65.2	[illegible]
	[illegible]	[illegible]	[illegible]	99.	[illegible]	[illegible]	77.7	17.[illegible]	[illegible]	[illegible]	57.2	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.3	17.7	[illegible]	[illegible]	55.3	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.[illegible]	[illegible]	[illegible]	15.3	[illegible]	61.9	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	34.7	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	63.1	[illegible]	[illegible]	11.6	[illegible]	[illegible]

RELATIVE HUMIDITY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50	60	70%	80%	90%		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	100.0	[illegible]	[illegible]	[illegible]	[illegible]	72.9	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.4	[illegible]	[illegible]	17.5	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	100.0	98.1	[illegible]	[illegible]	[illegible]	13.2	[illegible]	43.4	[illegible]
	[illegible]	[illegible]	100.0	98.4	74.2	39.7	29.0	11.6	7.7	[illegible]	54.7	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49.7	24.2	13.6	9.7	[illegible]	53.3	[illegible]
	[illegible]	[illegible]	100.0	99.7	93.9	74.9	[illegible]	[illegible]	13.2	[illegible]	62.1	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	100.0	97.7	87.4	[illegible]	31.6	6.5	73.6	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

RELATIVE HUMIDITY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

		PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										
MONTH	HOURS (L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
	[illegible]	100.0	100.0	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	310
	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	310
	[illegible]	100.0	100.0	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	27.1	[illegible]	310
	[illegible]	100.0	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	310
	[illegible]	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	7.7	[illegible]	[illegible]	310
	[illegible]	100.0	100.0	99.7	[illegible]	[illegible]	[illegible]	[illegible]	11.0	[illegible]	[illegible]	310
	[illegible]	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	310
	[illegible]	100.0	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]	41.7	[illegible]	[illegible]	[illegible]

RELATIVE HUMIDITY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS L.S.T.	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.7	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	9.3	[illegible]	[illegible]	[illegible]	[illegible]	7.7	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.7	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	98.7	[illegible]	[illegible]	39.7	[illegible]	12.7	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	89.7	[illegible]	73.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77.3	[illegible]	[illegible]	[illegible]	75.1	[illegible]

RELATIVE HUMIDITY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	9.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.7	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.9	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.1	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.1	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	99.7	[illegible]	[illegible]	71.6	47.4	[illegible]	12.9	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	43.2	[illegible]	77.5	[illegible]
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

RELATIVE HUMIDITY

[illegible] STATION NAME [illegible] MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
[illegible]	[illegible]	[illegible]	[illegible]	100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	76.7	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.3	97.3	[illegible]	[illegible]	27.7	73.[illegible]	[illegible]
	7	[illegible]	100.0	100.0	99.7	[illegible]	89.[illegible]	72.[illegible]	51.3	[illegible]	79.6	[illegible]
	1[illegible]	100.0	[illegible]	100.0	98.[illegible]	[illegible]	59.7	47.3	[illegible]	[illegible]	[illegible]	[illegible]
	1[illegible]	[illegible]	[illegible]	99.[illegible]	[illegible]	[illegible]	42.[illegible]	23.[illegible]	14.7	7.3	[illegible]	[illegible]
	1[illegible]	[illegible]	[illegible]	97.3	4.[illegible]	61.[illegible]	[illegible]	[illegible]	16.3	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	99.7	97.	[illegible]	[illegible]	43.[illegible]	24.7	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	99.7	[illegible]	[illegible]	76.3	[illegible]	33.	17.3	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67.4	48.7	[illegible]	17.4	[illegible]	[illegible]

RELATIVE HUMIDITY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS L.S.T	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50	60	70%	80%	90%		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	9.3	[illegible]	51.9	[illegible]	[illegible]	[illegible]	75.1	31
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.4	[illegible]
	[illegible]	[illegible]	[illegible]	99.7	[illegible]	[illegible]	[illegible]	47.1	27.7	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	100.0	99.7	[illegible]	73.[illegible]	47.1	[illegible]	[illegible]	11.[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	98.7	[illegible]	73.[illegible]	47.4	[illegible]	[illegible]	[illegible]	62.5	[illegible]
	[illegible]	[illegible]	100.0	99.4	[illegible]	[illegible]	[illegible]	42.7	[illegible]	12.0	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.3	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]	99.7	95.9	[illegible]	59.5	42.5	29.9	15.[illegible]	[illegible]	247[illegible]

RELATIVE HUMIDITY

[illegible] [illegible] [illegible] ALL
STATION STATION NAME YEARS MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50	60	70%	80%	90%		
[illegible]	ALL	100.0	100.0	99.6	96.1	85.[illegible]	66.5	43.[illegible]	24.4	12.7	69.6	2479
[illegible]		100.0	99.9	98.7	92.1	72.4	54.1	38.[illegible]	23.6	13.9	66.[illegible]	224[illegible]
[illegible]		100.0	99.7	95.4	86.2	71.4	54.9	40.1	26.6	11.4	64.9	24[illegible]
[illegible]		100.0	98.4	92.5	77.4	61.2	45.[illegible]	32.4	20.7	11.[illegible]	59.6	2400
[illegible]		100.0	99.6	96.9	88.6	75.7	62.3	48.[illegible]	33.7	17.0	68.2	24[illegible]
[illegible]		100.0	100.0	99.4	94.4	83.5	65.1	37.4	33.5	11.6	69.8	2400
[illegible]		100.0	100.0	99.6	94.5	82.6	67.[illegible]	49.[illegible]	32.7	9.5	69.1	2480
[illegible]		100.0	100.0	100.0	98.1	89.6	75.6	60.9	41.7	15.7	74.0	2479
[illegible]		100.0	100.0	99.9	97.2	89.7	77.3	62.8	45.2	12.7	75.1	2400
[illegible]		100.0	100.0	99.3	96.3	86.[illegible]	72.9	54.4	39.1	10.9	77.0	24[illegible]
[illegible]		100.0	100.0	99.3	95.6	85.[illegible]	67.4	43.7	32.[illegible]	17.4	71.5	2400
[illegible]		100.0	100.0	99.7	95.9	86.3	65.5	48.[illegible]	29.[illegible]	15.6	70.2	247[illegible]
	TOTALS	100.0	99.8	98.1	92.7	81.[illegible]	65.5	46.4	32.[illegible]	15.0	69.1	292[illegible]

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

WIND DIRECTION

67 TO 71							1[illegible]			1	.[illegible]
62 TO 66					[illegible]2.5	12.[illegible]	1[illegible].5	1[illegible]			.3
57 TO 61				[illegible].4	31.[illegible]	34.5	27.6	[illegible].4		[illegible]	1.2
52 TO 56	2.[illegible]		[illegible]	10.[illegible]	[illegible]2.4	[illegible]	[illegible].4	1[illegible].7	[illegible].1	4[illegible]	[illegible]
47 TO 51	[illegible].9	3.[illegible]	[illegible].1	13.[illegible]	15.[illegible]	11.4	24.1	13.[illegible]	[illegible]	7[illegible]	[illegible].2
42 TO 46	12.3	2.1	[illegible].2	1[illegible].3	[illegible]	15.1	1[illegible].4	[illegible]1.2	[illegible].9	14[illegible]	5.9
37 TO 41	11.5	3.[illegible]	7.6	[illegible]	[illegible]	7.3	1[illegible].5	[illegible].4	1[illegible]	[illegible]	1[illegible]
32 TO 36	1[illegible].1	4.7	1[illegible].3	3.[illegible]	[illegible].2	[illegible]	12.1	[illegible]	1[illegible]	4[illegible]	1[illegible].4
27 TO 31	12.[illegible]	6.[illegible]	7.1	3.7	3.7	7.[illegible]	1[illegible].3	[illegible]	19.3	4[illegible]	1[illegible].5
22 TO 26	1[illegible].1	7.[illegible]	1[illegible]	3.[illegible]	2.6	[illegible].1	1[illegible].7	[illegible]1.1	1[illegible]	[illegible]	15.3
17 TO 21	17.[illegible]	3.[illegible]	[illegible].3	1.[illegible]	.3	[illegible]	[illegible]2.4	1[illegible]	14.[illegible]	[illegible]1[illegible]	1[illegible]
12 TO 16	13.[illegible]	5.3	7.4	1.1	1.1	1.6	2[illegible]	2[illegible]	1[illegible]	1[illegible]	7.6
[illegible]	15.[illegible]	1.[illegible]	1.0			[illegible]	[illegible].6	2[illegible].7	1[illegible]	1[illegible]1	4.1
[illegible]	1[illegible].0						[illegible]	[illegible].7	[illegible]3.3	[illegible]	1.[illegible]
[illegible]	4.5						[illegible]	1[illegible]	[illegible]7.[illegible]	[illegible]	.[illegible]
[illegible]							[illegible]	12.[illegible]	[illegible]	[illegible]	.3
[illegible]								1[illegible]		1	.[illegible]
TOTALS	1[illegible]	4.[illegible]	[illegible]	[illegible]	[illegible]	7.[illegible]	[illegible].7	[illegible]	14.[illegible]	[illegible]	1[illegible]

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

WIND DIRECTION

62 TO 66	1[illegible].4			7.7	7.7	2[illegible].1	[illegible].7	3[illegible]	[illegible].7	1[illegible]	[illegible]
57 TO 61				3.2	1[illegible].4	4[illegible].4	1[illegible].4	[illegible]	[illegible]	31	1.4
52 TO 56	[illegible]	5.1	[illegible].4	1[illegible].3	17.9	2[illegible]	[illegible]	7.7	7.7	7	[illegible]
47 TO 51	[illegible].4	1.[illegible]	1[illegible].4	3.[illegible]	10.9	22.7	2[illegible].9	9.1	[illegible].2	11	4.[illegible]
42 TO 46	1[illegible].9	2.2	[illegible].2	[illegible].5	[illegible].2	10.[illegible]	24.6	1[illegible].0	11.5	1[illegible]	[illegible].1
37 TO 41	13.2	6.7	1[illegible].2	[illegible].2	[illegible].3	9.1	2[illegible].9	13.4	15.2	2[illegible]4	11.3
32 TO 36	11.1	5.4	1[illegible].5	5.2	4.7	5.2	1[illegible].4	[illegible]1.	15.4	42[illegible]	1[illegible].9
27 TO 31	19.2	9.6	9.4	2.9	4.1	6.7	1[illegible].6	17.8	1[illegible].5	30[illegible]	15.2
22 TO 26	23.3	10.[illegible]	5.2	1.5	1.2	3.2	14.1	27.5	12.2	3[illegible]	17.5
17 TO 21	19.8	3.[illegible]	6.3		1.[illegible]	5.4	17.5	27.4	1[illegible]	[illegible]	11.7
12 TO 16	18.1	3.3	4.6			[illegible].7	15.[illegible]	29.4	16.3	1[illegible]3	6.[illegible]
7 TO 11	29.3	1.6	4.9			1.6	[illegible]	32.[illegible]	[illegible]	.1	[illegible]
2 TO 6	15.8	5.[illegible]						15.[illegible]	[illegible]	[illegible]	.6
-3 TO 1	23.1		15.4					[illegible]	[illegible]	1[illegible]	.6
-8 TO -4									1[illegible]	[illegible]	.1
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 TO -59											
TOTALS	16.[illegible]	5.[illegible]	[illegible].4	3.[illegible]	4.[illegible]	7.[illegible]	1[illegible].7	[illegible].7	14.[illegible]	2256	1[illegible].[illegible]

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

WIND DIRECTION

52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO -7											
-8 TO -12											
-13 TO -17											
-18 TO -22											
-23 TO -27											
-28 TO -32											
-33 TO -37											
-38 TO -42											
-43 TO -47											
-48 TO -52											
-53 TO -57											
TOTALS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

WIND DIRECTION

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]							[illegible]				[illegible]
[illegible]					.7	[illegible]		[illegible]			[illegible]
[illegible]	.7					[illegible]	[illegible]	[illegible]	.7	[illegible]	[illegible]
[illegible]			.7	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	7.6		[illegible]	2.5	.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	3.7	1.6	4.1	[illegible]	34.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	3.4	[illegible]	[illegible]	10.7	15.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	6.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22.4	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	5.7	[illegible]	[illegible]	[illegible]	5.7	[illegible]	[illegible]	[illegible]	471	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.7	3.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	4.3	[illegible]	3.4	[illegible]	.4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]					.3	[illegible]	[illegible]		[illegible]
[illegible]	[illegible]							[illegible]		[illegible]	.4
[illegible]	[illegible]										.1
TOTALS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible]

WIND DIRECTION

	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
87 TO 91							100.0				.2
82 TO 86	[illegible]	6.1				14.7	33.1	12.2	.2	[illegible]	2.2
77 TO 81	5.3	2.2	3.5	2.[illegible]	.5	19.7	71.4	13.9	12.4	177	5.9
72 TO 76	6.5	4.3	5.1	3.	11.5	24.4	71.5	6.4	14.1	224	9.4
67 TO 71	7.3	3.7	7.1	7.[illegible]	11.0	15.7	21.9	12.6	13.8	7[illegible]6	14.4
62 TO 66	11.[illegible]	8.0	[illegible].2	[illegible]	13.1	17.7	12.7	10.5	15.2	474	17.1
57 TO 61	11.7	3.0	17.1	.[illegible]	13.5	[illegible].6	1[illegible].3	11.4	17.4	437	17.6
52 TO 56	13.1	10.1	13.9	13.[illegible]	5.[illegible]	4.6	[illegible].5	1[illegible].5	17.[illegible]	[illegible]	1[illegible].6
47 TO 51	14.[illegible]	3.6	13.7	5.[illegible]	5.3	5.1	7.8	15.2	19.9	25[illegible]	1[illegible].7
42 TO 46	[illegible].2	7.5	11.4	.[illegible]	2.6	[illegible].4	2.6	10.2	22.[illegible]	114	4.6
37 TO 41	3.4	10.3	17.2			6.[illegible]	17.2	20.7	24.1	[illegible]	1.2
32 TO 36							1[illegible].0			1	.[illegible]
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
TOTALS	11.[illegible]	7.[illegible]	[illegible].4	[illegible].	1[illegible].	11.	1[illegible].[illegible]	11.[illegible]	1[illegible].[illegible]	24[illegible]	1[illegible].[illegible]

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

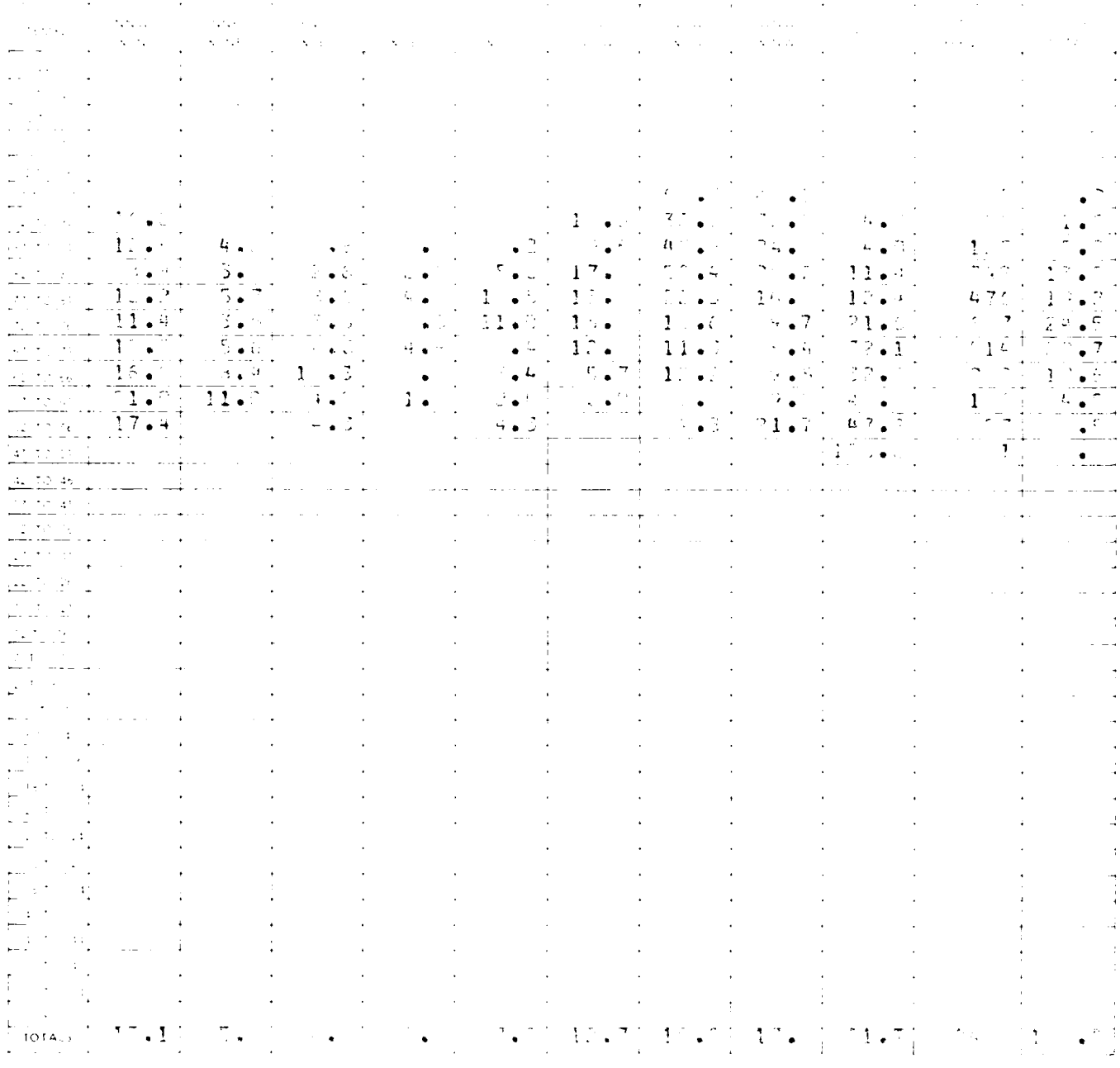
WIND DIRECTION

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]						[illegible]	[illegible]	[illegible]			.1
[illegible]	2.4				[illegible]	7.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
82 TO 86	[illegible]	1.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
77 TO 81	.4	5.1	[illegible]	5.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
72 TO 76	[illegible]	2.2	[illegible]	[illegible]	14.4	16.4	[illegible]	[illegible]	.8	[illegible]	[illegible]
67 TO 71	[illegible]	[illegible]	[illegible]	[illegible]	12.6	[illegible]	[illegible]	11.7	[illegible]	[illegible]	21.4
62 TO 66	[illegible]	5.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.3	[illegible]	[illegible]	[illegible]
57 TO 61	15.1	[illegible]	[illegible]	[illegible]	7.6	4.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
52 TO 56	[illegible]	13.[illegible]	[illegible]	[illegible]	[illegible]	1.7	[illegible]	7.4	[illegible]	[illegible]	[illegible]
47 TO 51	[illegible]	4.[illegible]	4.[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
42 TO 46		[illegible]							[illegible]	[illegible]	[illegible]
[illegible]							[illegible]				[illegible]
TOTALS	[illegible]	4.	[illegible]	[illegible]	11.4	[illegible]	[illegible]	[illegible]	17.	[illegible]	[illegible]

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

WIND DIRECTION



2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

WIND DIRECTION

TOTALS

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

WIND DIRECTION

TOTALS

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

WIND DIRECTION

											.1
	.7				.7	[illegible]	[illegible]	[illegible] .7	.7	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1[illegible].1	[illegible]	[illegible]	[illegible]
	7.[illegible]	2.[illegible]	[illegible]	[illegible]	1[illegible].6	21.7	2[illegible].7	1[illegible].7	[illegible].7	1	7.[illegible]
	[illegible]	3.[illegible]	7.6	[illegible]	11.2	17.6	16.[illegible]	11.[illegible]	1[illegible]	[illegible]	[illegible].1
	1[illegible]	7.[illegible]	1[illegible]	[illegible]	7.[illegible]	14.[illegible]	1[illegible].6	1[illegible]	14.5	[illegible]	17.[illegible]
	1[illegible].2	1[illegible].7	1[illegible]	[illegible]	[illegible].6	[illegible]	1[illegible].6	17.1	1[illegible].7	4[illegible]	1[illegible].9
	11.[illegible]	7.[illegible]	11.1	2.[illegible]	[illegible].6	[illegible]	14.5	1[illegible]	[illegible]	[illegible]	1[illegible].7
	1[illegible].2	7.7	7.[illegible]		7.6	[illegible]	1[illegible].7	1[illegible].2	[illegible]	[illegible]	14.7
	1[illegible].7	7.6	[illegible]			[illegible]	12.4	2[illegible].6	34.7	1[illegible]	[illegible]
	1[illegible]	[illegible].5	1.1			[illegible]	1[illegible]	[illegible].7	[illegible]	[illegible]	[illegible].7
	[illegible]						1[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]								[illegible]		.1
TOTALS	1[illegible]	7.[illegible]	[illegible]	[illegible]	[illegible].7	1[illegible].1	1[illegible]	1[illegible].1	[illegible].7	[illegible]	1[illegible]

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

WIND DIRECTION

[illegible]							[illegible]				[illegible]
[illegible]				[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]			[illegible]	7.	[illegible]	[illegible]	24.6	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	7.1	17.7	[illegible]	[illegible]	7.1	[illegible]	[illegible]	4.7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.1	1	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12.7	[illegible]	[illegible]	[illegible]
[illegible] TO 46	13.6	[illegible]	.3	2.	[illegible]	[illegible]	[illegible]	22.6	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	7.1	[illegible]	1.7	3.4	4.	[illegible]	[illegible]	17.7	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	2.6		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	11.1						[illegible]		[illegible]	[illegible]	.4
[illegible]								[illegible]			.1
TOTALS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

WIND DIRECTION

[illegible]						[illegible]	[illegible]				[illegible]
[illegible]	[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.2	1.2	[illegible]	7.7	[illegible]	[illegible]	[illegible]	14.5	7	[illegible]
[illegible]	[illegible]	3.4	2.7	2.7	[illegible]	[illegible]	[illegible]	[illegible]	10.1	[illegible]	[illegible]
[illegible]	[illegible]	5.2	[illegible]	[illegible]	7.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.7
[illegible]	[illegible]	5.7	[illegible]	[illegible]	[illegible]	6.7	[illegible]	[illegible]	[illegible]	477	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.3	[illegible]	[illegible]	[illegible]	[illegible]	511	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.6	[illegible]	[illegible]	[illegible]	772	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	4.1	[illegible]	[illegible]		4.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	14.7	[illegible]	1.5			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]						[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]						[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
TOTALS	15.7	5.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

WIND DIRECTION

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]			[illegible]
[illegible]	17.4					[illegible]	[illegible]	[illegible]	4.3	[illegible]	[illegible]
[illegible]	[illegible]	3.1	.7	[illegible]	4.2	[illegible]	47.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	2.5	[illegible]	[illegible]	[illegible]	17.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	4.3	[illegible]	3.7	9.6	17.3	[illegible]	[illegible]	11.5	[illegible]	[illegible]
[illegible]	[illegible]	3.3	[illegible]	[illegible]	[illegible]	17.8	[illegible]	[illegible]	17.2	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	7.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21.7	[illegible]	[illegible]
[illegible]	[illegible]	6.1	9.1	[illegible]	[illegible]	13.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	11.3	7.4	[illegible]	[illegible]	[illegible]	11.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.3	[illegible]	[illegible]	[illegible]	17.3	[illegible]	[illegible]
[illegible]	13.3	[illegible]	[illegible]	5.	7.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] TO 46	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14.2	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	15.7	6.9	[illegible]	[illegible]	[illegible]	5.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	7.2	7.2	[illegible]	[illegible]	6.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.4	[illegible]	[illegible]	[illegible]	17.1	[illegible]	[illegible]
[illegible]	[illegible]	4.4	[illegible]	1.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.7
[illegible]	[illegible]	5.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	17.1	[illegible]	[illegible]
[illegible]	[illegible]	1.6	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.7
[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]								[illegible]		[illegible]	[illegible]
TOTALS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

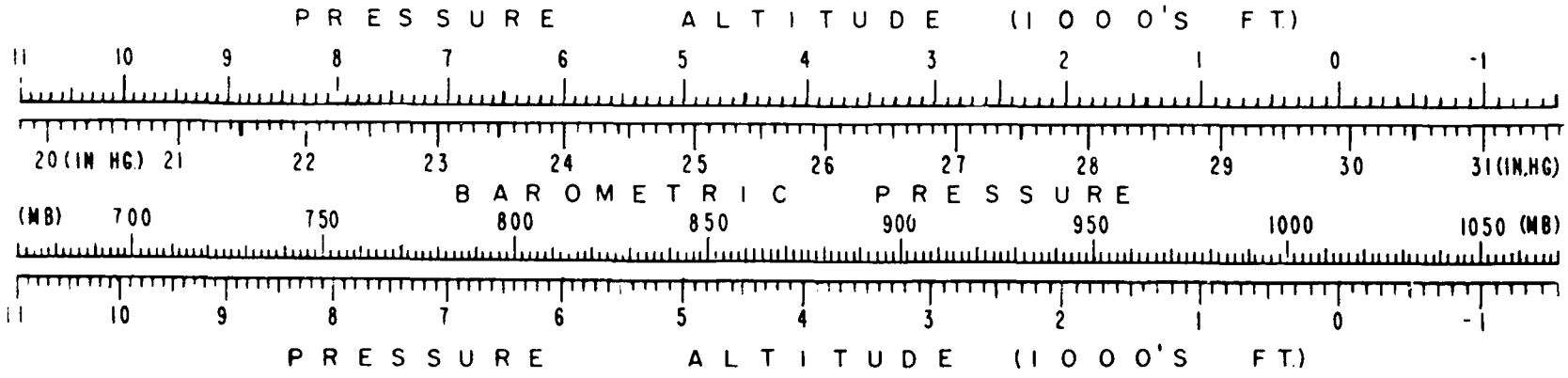
PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.

2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



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MEANS AND STANDARD DEVIATIONS

| | | |

MEANS AND STANDARD DEVIATIONS

	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	[illegible]	.676	[illegible]	.617	[illegible]	.617	.62	.675	.677	.712	[illegible]	.676	[illegible]
	[illegible]	[illegible]	[illegible]	.231	.161	[illegible]	[illegible]	[illegible]	.171	.217	[illegible]	[illegible]	.221
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	310	3651
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.611	.625	.671	[illegible]	.698	[illegible]	.677	29.649
	[illegible]	[illegible]	[illegible]	.227	[illegible]	.172	[illegible]	[illegible]	[illegible]	.217	.242	.232	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	310	[illegible]	[illegible]	[illegible]	[illegible]	310	[illegible]	310	3651
	[illegible]	.698	[illegible]	.672	[illegible]	.637	.650	.694	.707	.719	.711	.694	29.672
	[illegible]	.276	[illegible]	.246	[illegible]	.174	[illegible]	[illegible]	[illegible]	.219	.244	.262	.224
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	310	[illegible]	310	[illegible]
	[illegible]	.707	.661	[illegible]	.672	.639	.654	.702	.716	[illegible]	.726	.719	[illegible]
	[illegible]	.276	[illegible]	[illegible]	[illegible]	.176	.179	.121	[illegible]	[illegible]	.243	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	310	[illegible]	310	[illegible]	[illegible]	[illegible]	[illegible]	310	[illegible]
	[illegible]	[illegible]	.619	[illegible]	[illegible]	.616	.632	.673	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	.273	[illegible]	[illegible]	.167	.174	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.227
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	312	[illegible]	[illegible]	[illegible]	[illegible]	310	3652
	[illegible]	[illegible]	[illegible]	[illegible]	.664	.698	.674	[illegible]	.655	[illegible]	.670	.663	29.623
	[illegible]	.273	[illegible]	[illegible]	[illegible]	.171	.136	.114	.156	[illegible]	[illegible]	.274	.223
	[illegible]	[illegible]	[illegible]	[illegible]	310	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	.573	.594	.607	[illegible]	.667	[illegible]	[illegible]	.683	29.679
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.166	[illegible]	.111	[illegible]	.222	[illegible]	[illegible]	[illegible]
TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3671
	[illegible]	[illegible]	[illegible]	.614	[illegible]	.623	[illegible]	[illegible]	[illegible]	[illegible]	.703	[illegible]	[illegible]
	[illegible]	.271	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	.675	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.676	[illegible]	[illegible]	.697	[illegible]	[illegible]
	[illegible]	.275	[illegible]	[illegible]	[illegible]	.172	[illegible]	[illegible]	.157	.223	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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